

The Commonwealth of Massachusetts
Executive Office of Health and Human Services
Department of Public Health
William A. Hinton State Laboratory Institute
305 South Street, Jamaica Plain, MA 02130

DEVAL L. PATRICK
GOVERNOR

TIMOTHY P. MURRAY
LIEUTENANT GOVERNOR

JUDYANN BIGBY, MD
SECRETARY

JOHN AUERBACH
COMMISSIONER

06/27/12

Janine D'Amico
Assistant District Attorney, Suffolk County

Ms. D'Amico,

Enclosed is the information you requested. Included are copies of the following:

1. Drug Analysis Laboratory Receipts.
2. Control Cards with analytical results for sample #'s [REDACTED]
[REDACTED]
3. Analysis sheets with chemist's hand notations and test results.
4. GC/MS analytical data for sample #'s [REDACTED]

If you have any questions about these materials, please call me at the number below.

Sincerely,


Kate Sorbett
Chemist II
Drug Analysis Lab
Jamaica Plain, MA. 02130
(617) 983-6632



DRUG RECEIPT

CC #

BOOK #

PAGE #

DESTRUCTION #

District/Unit

Name & Rank of Arresting Officer

ID#

DEFENDANT'S NAME

ADDRESS

CITY

STATE

LAB USE ONLY

DESCRIPTION OF ITEMS SUBMITTED

GROSS
QUANTITY

GROSS
WEIGHT

ANALYSIS
NUMBER

White unknown substance (counterfeit)

7 p/b's

4.37g

White unknown substance (counterfeit)

1 p/b

2.33g

White rock (crack cocaine)

1 p/b

2.42g

UNKNOWN substance

1 p/b

2.28g

To be completed by ECU personnel only

Name and Rank of Submitting Officer

ID#

Received by

Date

ECU Control #



DRUG RECEIPT

CC # [REDACTED]
BOOK # 68
PAGE # 39
DESTRUCTION # _____

District/Unit D-4 DCU
Name & Rank of Arresting Officer Sgt + Det Keenan ID# 10652

DEFENDANT'S NAME

ADDRESS

CITY

STATE

[REDACTED]

LAB USE ONLY

DESCRIPTION OF ITEMS SUBMITTED

GROSS
QUANTITY

GROSS
WEIGHT

ANALYSIS
NUMBER

white elliptical pills w/markings
3592 V Vicoden
1 BLISTER PACK

6 pills

22.0 gr

[REDACTED]

To be completed by ECU personnel only

Name and Rank of Submitting Officer Sgt L White ID# 11060

Received by [Signature] Date 7-7-11

ECU Control # _____

NO. [REDACTED]
CITY: BOSTON D.C.U. POLICE
OFFICER: P.O. DIANA LOPEZ
DEF: [REDACTED]
AMOUNT: SUBST: SUB
NO. CONT: 1 CONT: PS
DATE REC'D: 05/25/2011 NO. ANALYZED:
GROSS WT: 2.20g NET WT: 0.12g
#TESTS: 7KAC
PRELIM: Negative FINDINGS: Negative
12/1/11

NO. [REDACTED] 12/7/11
CITY: BOSTON D.C.U. POLICE
OFFICER: P.O. DIANA LOPEZ

DEF: [REDACTED]
AMOUNT: SUBST: SUB
NO. CONT: 1 CONT: PS

DATE REC'D: 05/25/2011 NO. ANALYZED:

GROSS WT: 4.37g NET WT: 0.17g
#TESTS: 7KAC
• 12AG

PRELIM: Negative FINDINGS: Negative

NO. [REDACTED] DATE ANALYZED: 12/15/11
CITY: BOSTON D.C.U. POLICE
OFFICER: P.O. DIANA LOPEZ

DEF: [REDACTED]
AMOUNT: SUBST: SUB
NO. CONT: 1 CONT: PS

DATE REC'D: 05/25/2011 NO. ANALYZED:

GROSS WT: 2.33g NET WT: 0.12g
#TESTS: 7KAC
• 20AG

PRELIM: Negative FINDINGS: Benzocaine

NO. [REDACTED] DATE ANALYZED: 12/17/11
CITY: BOSTON D.C.U. POLICE
OFFICER: P.O. DIANA LOPEZ

DEF: [REDACTED]
AMOUNT: SUBST: SUB
NO. CONT: 1 CONT: PS

DATE REC'D: 05/25/2011 NO. ANALYZED:

GROSS WT: 2.42g NET WT: 0.17g
#TESTS: 7KAC
• 20AG

PRELIM: Cocaine FINDINGS: Cocaine

No. [REDACTED]

Date Analyzed: 3/23/12

City: Boston D.C.U. Police Dept.

Officer: P.O. SYBIL WHITE

Def: [REDACTED]

Amount: [REDACTED]

Subst: TAB

No. Cont: 1 Cont: blister pack

Date Rec'd: 07/07/2011

No. Analyzed:

Gross Wt.: 22.00

Net Weight:

Tests: 4 C
BAC
• 200G

Prelim:

Hydrocodone

Findings:

Hydrocodone

DRUG POWDER ANALYSIS FORM

SAMPLE [REDACTED] AGENCY Boston ANALYST KAC
No. of samples tested. 1 Evidence Wt. OK

PHYSICAL DESCRIPTION:

1 pb containing a
white chunky
substance

Gross Wt (): 0.1519g

Gross Wt (): _____

Pkg. Wt: 0.0313g

Net Wt: 0.1206g

PRELIMINARY TESTS

Spot Tests

Cobalt
Thiocyanate (20/Enlacid)

Marquis -

Froehde's -

Mecke's -

Dilly -

Microcrystalline Tests

Gold
Chloride _____

TLTA () _____

OTHER TESTS

GC - compared to
Cocaine Std.

PRELIMINARY TEST RESULTS

RESULTS Negative

DATE 12/1/11

GC/MS CONFIRMATORY TEST

RESULTS Negative

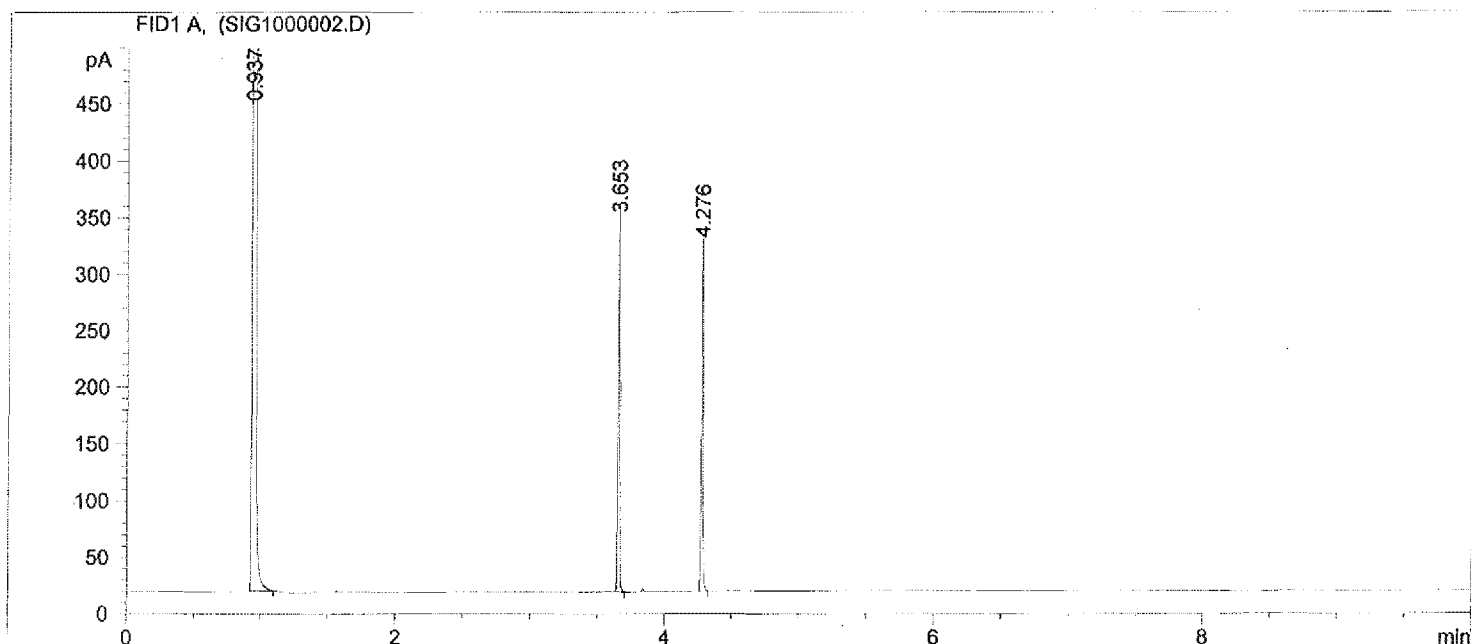
MS
OPERATOR _____

DATE 12/1/11

Sample Name: COKE/CODEINE

```
=====
Acq. Operator   : ASD                      Seq. Line :    2
Acq. Instrument : DrugLab GC #2            Location  : Vial 2
Injection Date  : 12/1/2011 8:54:14 AM     Inj       :    1
                                           Inj Volume: 1 µl

Sequence File   : C:\CHEM32\1\SEQUENCE\DEFAULT.S
Method          : C:\CHEM32\1\METHODS\ROUTINE.M
Last changed    : 7/28/2010 1:59:36 PM
=====
```



```
=====
                        Area Percent Report
=====
```

Sorted By : Retention Time
Multiplier: : 1.0000
Dilution: : 1.0000
Do not use Multiplier & Dilution Factor with ISTDs

Signal 1: FID1 A,

| Peak # | RetTime [min] | Sig | Type | Area [pA*s] | Height [pA] | Area % |
|--------|---------------|-----|------|-------------|-------------|----------|
| 1 | 0.937 | 1 | BB S | 5.28166e4 | 5.40991e4 | 98.95582 |
| 2 | 3.653 | 1 | BB | 284.84122 | 329.70984 | 0.53367 |
| 3 | 4.276 | 1 | BB | 272.48016 | 307.33545 | 0.51051 |

Totals : 5.33739e4 5.47362e4

```
=====
*** End of Report ***
```

Sample Name: BLANK

```
=====
Acq. Operator   : ASD                      Seq. Line :    7
Acq. Instrument : DrugLab GC #2            Location  : Vial 7
Injection Date  : 12/1/2011 10:01:22 AM    Inj       :    1
                                           Inj Volume: 1 µl

Sequence File   : C:\CHEM32\1\SEQUENCE\DEFAULT.S
Method          : C:\CHEM32\1\METHODS\ROUTINE.M
Last changed    : 7/28/2010 1:59:36 PM
=====
```



```
=====
                        Area Percent Report
=====
```

Sorted By : Retention Time
Multiplier: : 1.0000
Dilution: : 1.0000
Do not use Multiplier & Dilution Factor with ISTDs

Signal 1: FID1 A,

| Peak # | RetTime [min] | Sig | Type | Area [pA*s] | Height [pA] | Area % |
|--------|---------------|-----|------|-------------|-------------|---------|
| 1 | 0.939 | 1 | BB S | 5.30066e4 | 5.50969e4 | 1.000e2 |

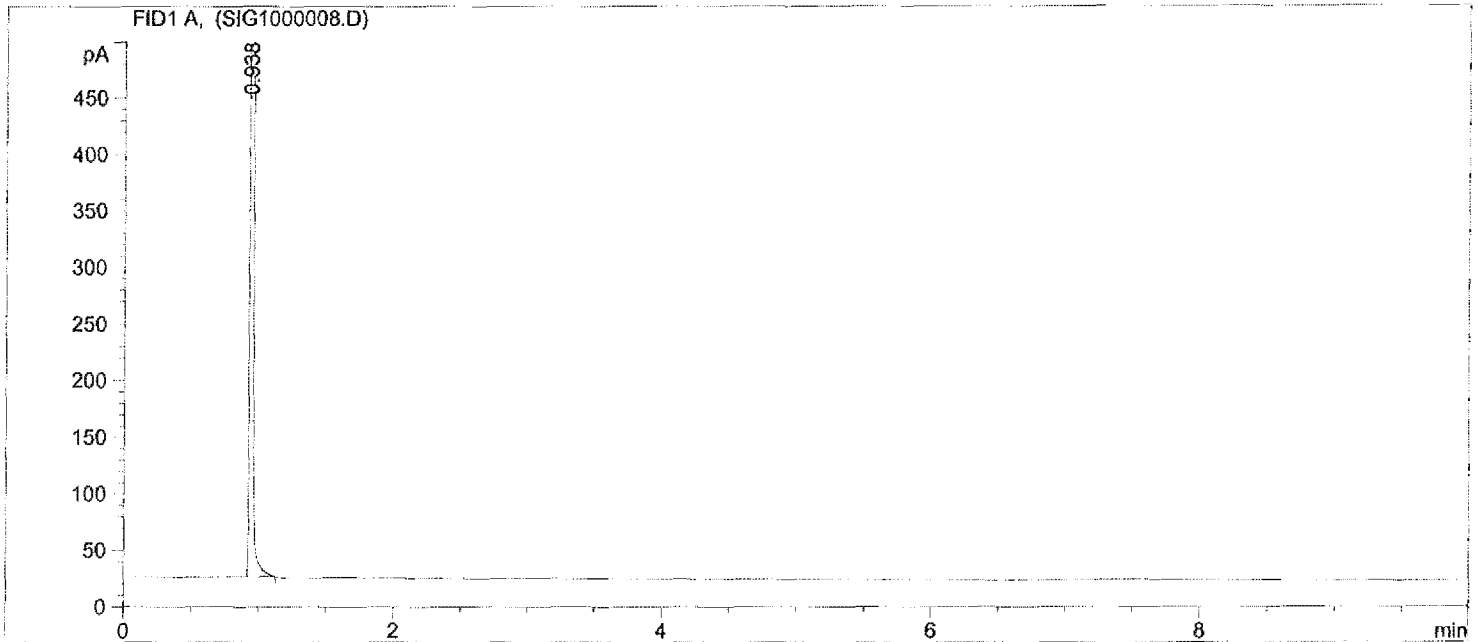
Totals : 5.30066e4 5.50969e4

```
=====
*** End of Report ***
=====
```


Sample Name: XXXXXXXXXX

```
=====
Acq. Operator   : ASD                      Seq. Line :    8
Acq. Instrument : DrugLab GC #2            Location  : Vial 8
Injection Date  : 12/1/2011 10:14:46 AM    Inj       :    1
                                           Inj Volume: 1 µl

Sequence File   : C:\CHEM32\1\SEQUENCE\DEFAULT.S
Method          : C:\CHEM32\1\METHODS\ROUTINE.M
Last changed    : 7/28/2010 1:59:36 PM
=====
```



```
=====
                        Area Percent Report
=====
```

```
Sorted By           :      Retention Time
Multiplier:         :      1.0000
Dilution:           :      1.0000
Do not use Multiplier & Dilution Factor with ISTDs
```

Signal 1: FID1 A,

| Peak # | RetTime [min] | Sig | Type | Area [pA*s] | Height [pA] | Area % |
|--------|---------------|-----|------|-------------|-------------|---------|
| 1 | 0.938 | 1 | BB S | 4.95620e4 | 5.68822e4 | 1.000e2 |

```
Totals :                4.95620e4  5.68822e4
```

```
=====
*** End of Report ***
```

DRUG POWDER ANALYSIS FORM

SAMPLE # [REDACTED] AGENCY Boston ANALYST KAC
No. of samples tested: 1 Evidence Wt. OK

PHYSICAL DESCRIPTION:

1 pb containing a white chunky substance

Gross Wt (): 0.2718g
Gross Wt ():
Pkg. Wt: 0.0995g
Net Wt: 0.1723g

PRELIMINARY TESTS

Spot Tests

Cobalt Thiocyanate () acid
Marquis -
Froehde's -
Mecke's -
Dilli -

Microcrystalline Tests

Gold Chloride
TLTA ()

OTHER TESTS

GC = + peaks before Cocaine

PRELIMINARY TEST RESULTS

RESULTS Negative
DATE 11/22/11

GC/MS CONFIRMATORY TEST

RESULTS Negative
MS OPERATOR UAG
DATE 12/7/11

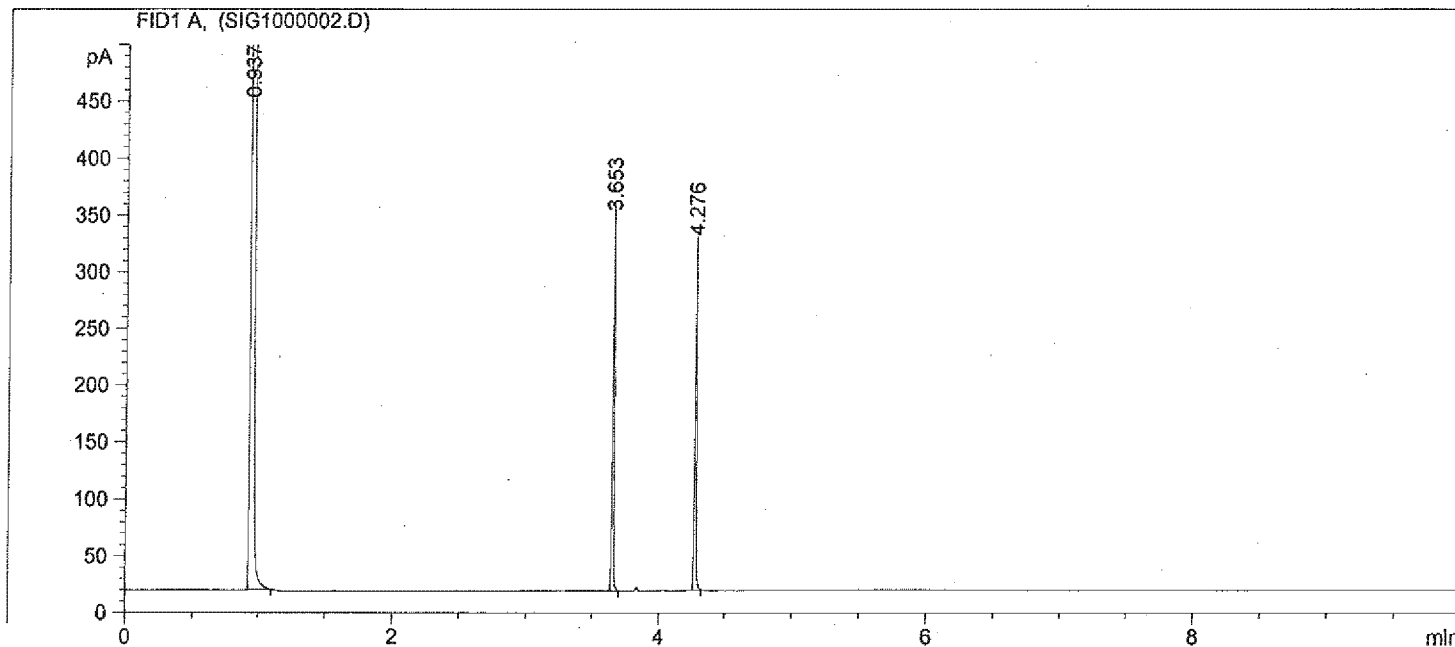
Sample Name: COKE/CODEINE

```

=====
Acq. Operator   : ASD                      Seq. Line :    2
Acq. Instrument : DrugLab GC #2           Location  : Vial 2
Injection Date  : 12/1/2011 8:54:14 AM    Inj       :    1
                                           Inj Volume: 1 µl

Sequence File   : C:\CHEM32\1\SEQUENCE\DEFAULT.S
Method          : C:\CHEM32\1\METHODS\ROUTINE.M
Last changed    : 7/28/2010 1:59:36 PM
=====

```



```

=====
                          Area Percent Report
=====

```

```

Sorted By           :      Retention Time
Multiplier:         :      1.0000
Dilution:           :      1.0000
Do not use Multiplier & Dilution Factor with ISTDs

```

Signal 1: FID1 A,

| Peak # | RetTime [min] | Sig | Type | Area [pA*s] | Height [pA] | Area % |
|--------|---------------|-----|------|-------------|-------------|----------|
| 1 | 0.937 | 1 | BB S | 5.28166e4 | 5.40991e4 | 98.95582 |
| 2 | 3.653 | 1 | BB | 284.84122 | 329.70984 | 0.53367 |
| 3 | 4.276 | 1 | BB | 272.48016 | 307.33545 | 0.51051 |

```
Totals :                5.33739e4  5.47362e4
```

```

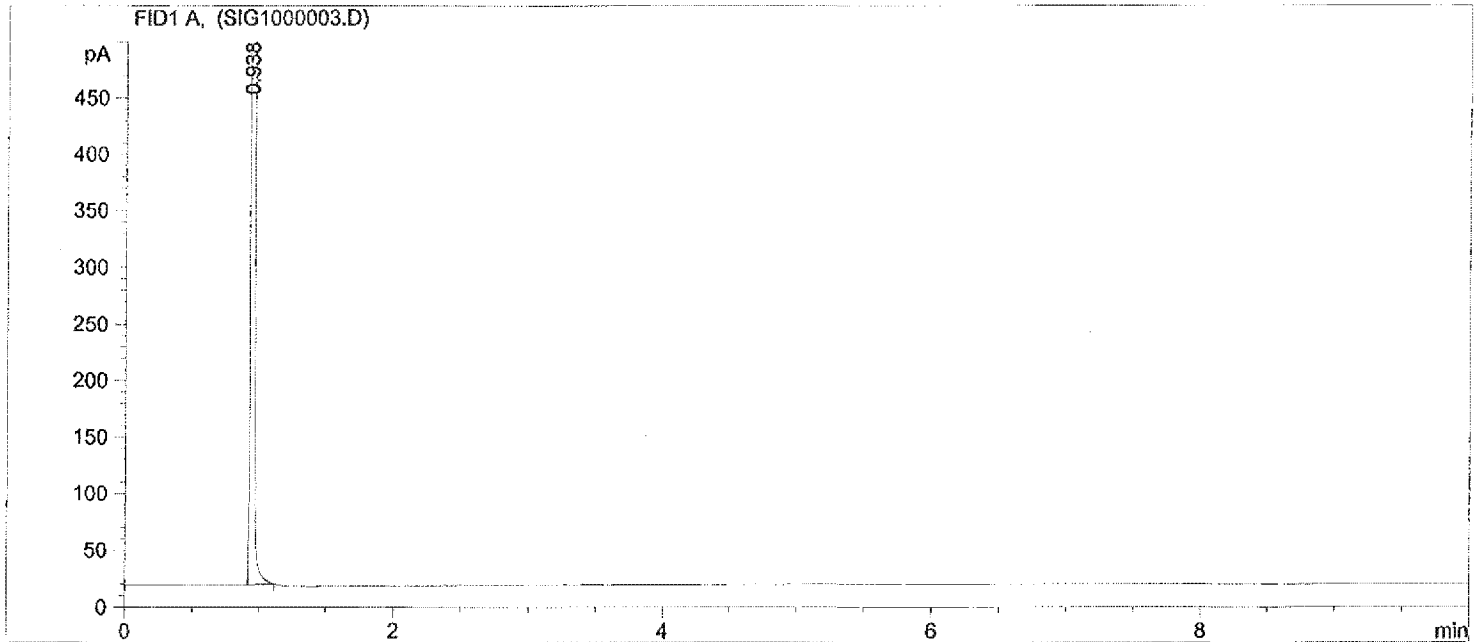
=====
*** End of Report ***
=====

```

Sample Name: BLANK

```
=====
Acq. Operator   : ASD                      Seq. Line :    3
Acq. Instrument : DrugLab GC #2            Location  : Vial 3
Injection Date  : 12/1/2011 9:07:35 AM      Inj       :    1
                                           Inj Volume: 1 µl

Sequence File   : C:\CHEM32\1\SEQUENCE\DEFAULT.S
Method          : C:\CHEM32\1\METHODS\ROUTINE.M
Last changed    : 7/28/2010 1:59:36 PM
=====
```



```
=====
                        Area Percent Report
=====
```

Sorted By : Retention Time
Multiplier: : 1.0000
Dilution: : 1.0000
Do not use Multiplier & Dilution Factor with ISTDs

Signal 1: FID1 A,

| Peak # | RetTime [min] | Sig | Type | Area [pA*s] | Height [pA] | Area % |
|--------|---------------|-----|------|-------------|-------------|---------|
| 1 | 0.938 | 1 | BB S | 5.43746e4 | 5.39734e4 | 1.000e2 |

Totals : 5.43746e4 5.39734e4

```
=====
*** End of Report ***
=====
```

Sample Name: XXXXXXXXXX

```

=====
Acq. Operator   : ASD                      Seq. Line :    4
Acq. Instrument : DrugLab GC #2           Location  : Vial 4
Injection Date  : 12/1/2011 9:20:59 AM    Inj       :    1
                                           Inj Volume: 1 µl

Sequence File   : C:\CHEM32\1\SEQUENCE\DEFAULT.S
Method          : C:\CHEM32\1\METHODS\ROUTINE.M
Last changed    : 7/28/2010 1:59:36 PM
=====

```



```

=====
                        Area Percent Report
=====

```

```

Sorted By           :      Retention Time
Multiplier:         :      1.0000
Dilution:           :      1.0000
Do not use Multiplier & Dilution Factor with ISTDs

```

Signal 1: FID1 A,

| Peak # | RetTime [min] | Sig | Type | Area [pA*s] | Height [pA] | Area % |
|--------|---------------|-----|------|-------------|-------------|----------|
| 1 | 0.938 | 1 | BB S | 5.63530e4 | 5.19078e4 | 99.65292 |
| 2 | 1.420 | 1 | VV X | 33.19907 | 21.97241 | 0.05871 |
| 3 | 1.698 | 1 | VV T | 52.46418 | 40.18912 | 0.09278 |
| 4 | 1.783 | 1 | VV T | 44.68904 | 39.26191 | 0.07903 |
| 5 | 1.827 | 1 | VB T | 65.92158 | 45.13565 | 0.11657 |

```
Totals :                5.65492e4  5.20544e4
```

```

=====
*** End of Report ***

```

DRUG POWDER ANALYSIS FORM

SAMPLE # [REDACTED] AGENCY Boston ANALYST KAC
No. of samples tested: 1 Evidence Wt. OK

PHYSICAL DESCRIPTION:

1 pb containing an
off-white rock-like
Substance

Gross Wt (): 0.2503g
Gross Wt ():
Pkg. Wt: 0.0801g
Net Wt: 0.1702g

PRELIMINARY TESTS

Spot Tests

Cobalt Thiocyanate H⁺ + blue
Marquis —
Froehde's —
Mecke's —

Microcrystalline Tests

Gold Chloride +
TLTA H⁺ +

OTHER TESTS

PRELIMINARY TEST RESULTS

RESULTS Cocaine
DATE 12/1/11

GC/MS CONFIRMATORY TEST

RESULTS Cocaine
MS OPERATOR CAG
DATE 12/7/11

DRUG POWDER ANALYSIS FORM

SAMPLE #

AGENCY

Boston

ANALYST

KAC

No. of samples tested: 1

Evidence Wt.

OK

PHYSICAL DESCRIPTION:

1 pb containing a white chunky substance

Gross Wt (): 0.1826g

Gross Wt ():

Pkg. Wt: 0.0577g

Net Wt: 0.1249g

PRELIMINARY TESTS

Spot Tests

Cobalt Thiocyanate ()

⊖ / ⊖ w/ acid

Marquis —

Froehde's —

Mecke's —

Dilli —

Microcrystalline Tests

Gold Chloride

TLTA ()

OTHER TESTS

GC = + peaks before Cocaine

PRELIMINARY TEST RESULTS

RESULTS

Negative

DATE

11/22/11

GC/MS CONFIRMATORY TEST

RESULTS

Benzocaine

MS OPERATOR

LAG

DATE

12/15/11

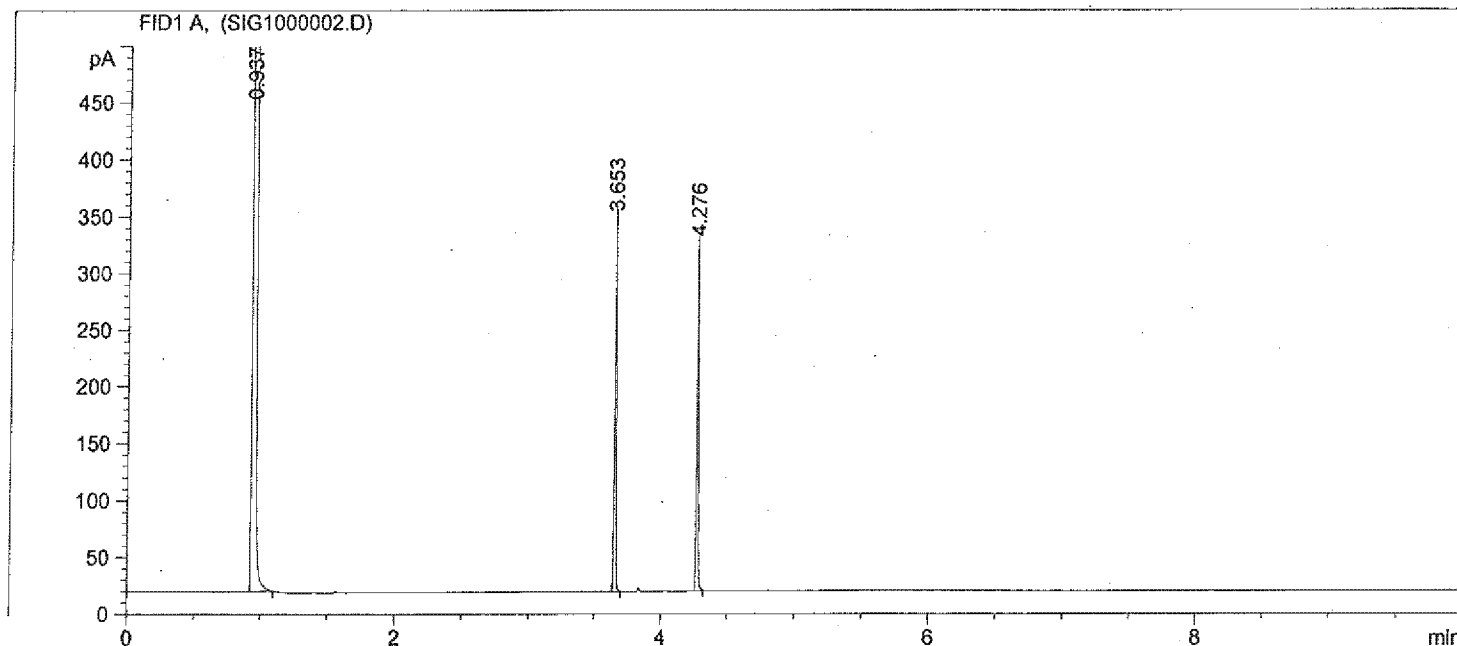
Sample Name: COKE/CODEINE

```

=====
Acq. Operator   : ASD                      Seq. Line :    2
Acq. Instrument : DrugLab GC #2            Location  : Vial 2
Injection Date  : 12/1/2011 8:54:14 AM     Inj       :    1
                                           Inj Volume: 1 µl

Sequence File   : C:\CHEM32\1\SEQUENCE\DEFAULT.S
Method          : C:\CHEM32\1\METHODS\ROUTINE.M
Last changed    : 7/28/2010 1:59:36 PM
=====

```



```

=====
                        Area Percent Report
=====

```

```

Sorted By           :      Retention Time
Multiplier:         :      1.0000
Dilution:           :      1.0000
Do not use Multiplier & Dilution Factor with ISTDs

```

Signal 1: FID1 A,

| Peak # | RetTime [min] | Sig | Type | Area [pA*s] | Height [pA] | Area % |
|--------|---------------|-----|------|-------------|-------------|----------|
| 1 | 0.937 | 1 | BB S | 5.28166e4 | 5.40991e4 | 98.95582 |
| 2 | 3.653 | 1 | BB | 284.84122 | 329.70984 | 0.53367 |
| 3 | 4.276 | 1 | BB | 272.48016 | 307.33545 | 0.51051 |

```
Totals :                5.33739e4  5.47362e4
```

```

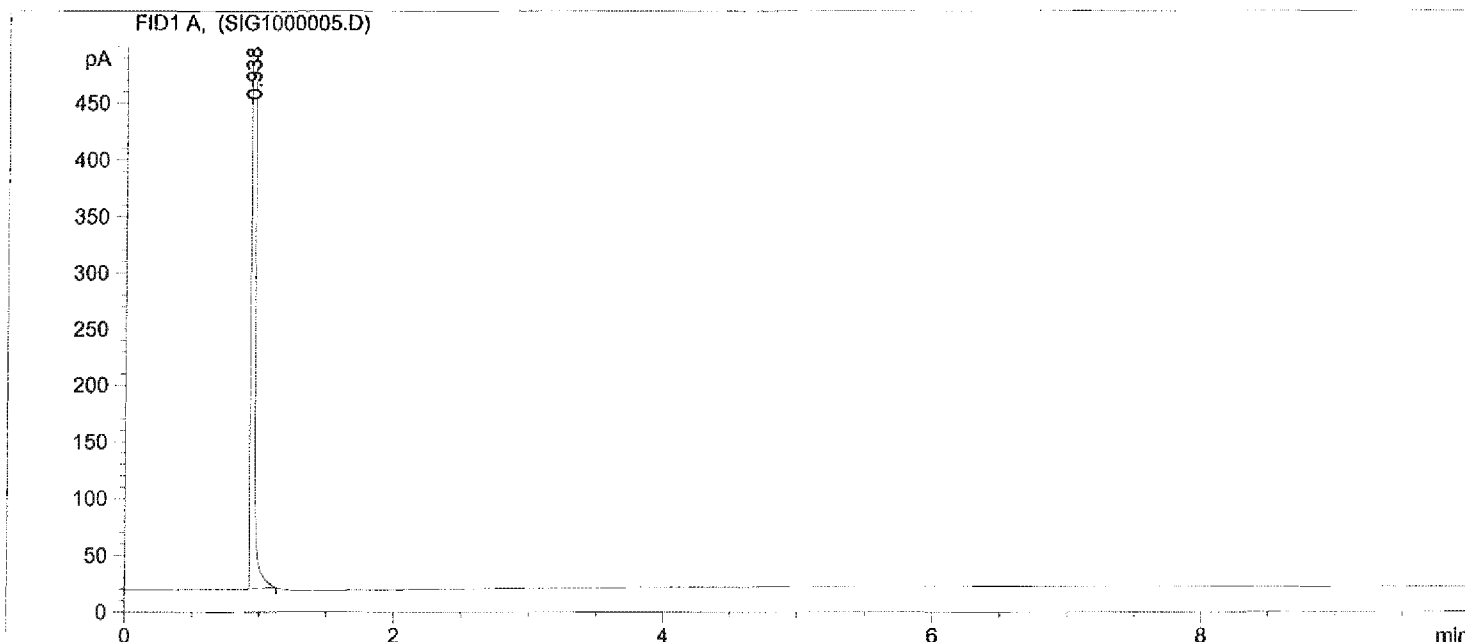
=====
*** End of Report ***

```


Sample Name: BLANK

```
=====
Acq. Operator   : ASD                      Seq. Line :    5
Acq. Instrument : DrugLab GC #2            Location  : Vial 5
Injection Date  : 12/1/2011 9:34:24 AM     Inj       :    1
                                           Inj Volume: 1 µl

Sequence File   : C:\CHEM32\1\SEQUENCE\DEFAULT.S
Method          : C:\CHEM32\1\METHODS\ROUTINE.M
Last changed    : 7/28/2010 1:59:36 PM
=====
```



```
=====
                        Area Percent Report
=====
```

```
Sorted By           :      Retention Time
Multiplier:         :      1.0000
Dilution:           :      1.0000
Do not use Multiplier & Dilution Factor with ISTDs
```

Signal 1: FID1 A,

| Peak # | RetTime [min] | Sig | Type | Area [pA*s] | Height [pA] | Area % |
|--------|---------------|-----|------|-------------|-------------|---------|
| 1 | 0.938 | 1 | BB S | 5.31862e4 | 5.60460e4 | 1.000e2 |

Totals : 5.31862e4 5.60460e4

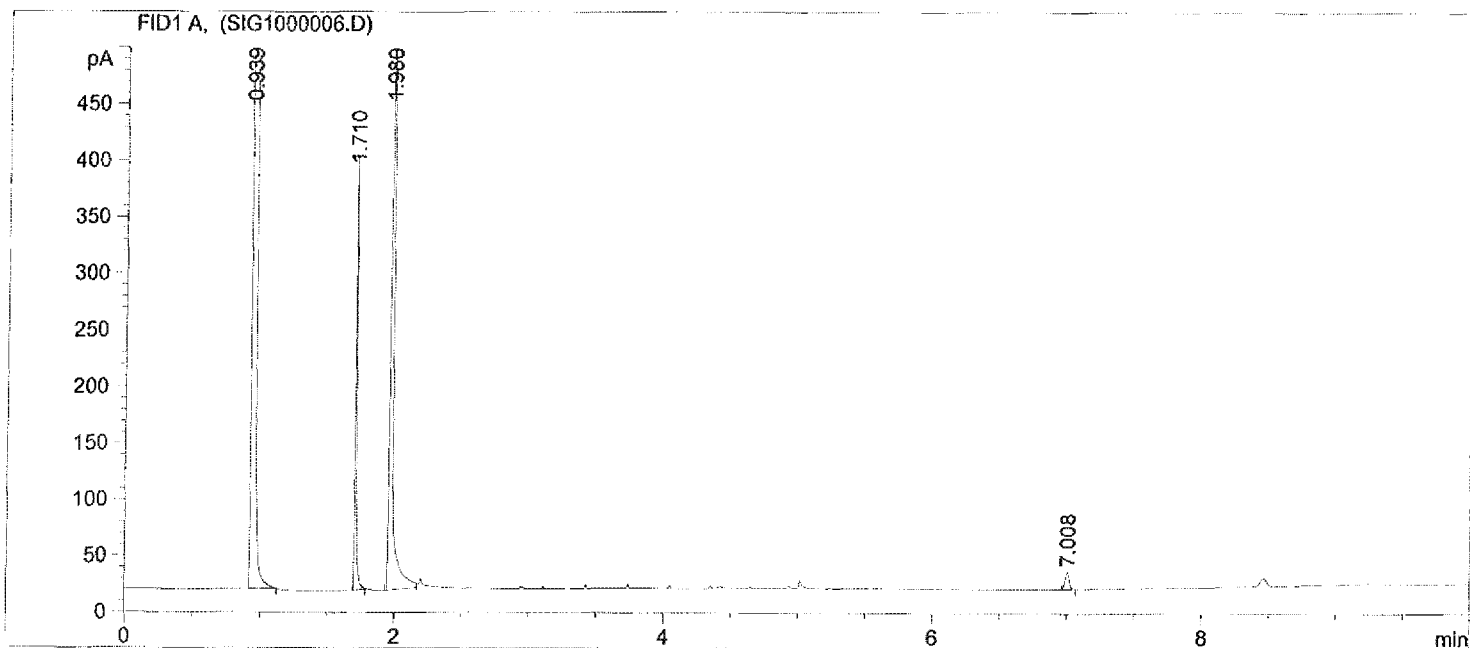
```
=====
*** End of Report ***
```

Sample Name: XXXXXXXXXX

```

=====
Acq. Operator   : ASD                      Seq. Line :    6
Acq. Instrument : DrugLab GC #2            Location  : Vial 6
Injection Date  : 12/1/2011 9:47:57 AM     Inj       :    1
                                           Inj Volume: 1 µl
Sequence File   : C:\CHEM32\1\SEQUENCE\DEFAULT.S
Method          : C:\CHEM32\1\METHODS\ROUTINE.M
Last changed    : 7/28/2010 1:59:36 PM
=====

```



```

=====
                          Area Percent Report
=====

```

```

Sorted By           :      Retention Time
Multiplier:         :      1.0000
Dilution:           :      1.0000
Do not use Multiplier & Dilution Factor with ISTDs

```

Signal 1: FID1 A,

| Peak # | RetTime [min] | Sig | Type | Area [pA*s] | Height [pA] | Area % |
|--------|---------------|-----|------|-------------|-------------|----------|
| 1 | 0.939 | 1 | BB S | 5.55920e4 | 5.48154e4 | 97.81997 |
| 2 | 1.710 | 1 | BB | 290.96432 | 372.99396 | 0.51198 |
| 3 | 1.980 | 1 | BB | 915.74261 | 516.57251 | 1.61134 |
| 4 | 7.008 | 1 | BB | 32.22269 | 14.96454 | 0.05670 |

```
Totals :                5.68310e4  5.57200e4
```

```

=====
*** End of Report ***

```

DRUG POWDER ANALYSIS FORM

SAMPLE



cy Boston

ANALYST

KAC

No. of samples tested: 1

Evidence Wt.

OK

PHYSICAL DESCRIPTION:

1 blister pack containing
6 white tablets

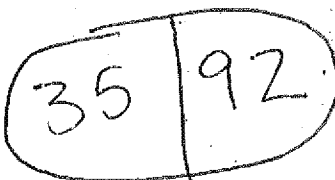
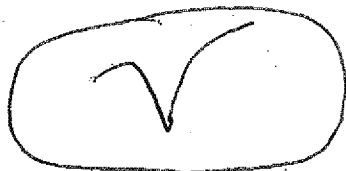
Gross Wt (): —

Gross Wt (): —

Pkg. Wt: —

Direct

Net Wt: 4.1461g



PRELIMINARY TESTS

Spot Tests

Cobalt
Thiocyanate () —

Marquis —

Froehde's —

Mecke's —

Microcrystalline Tests

Gold
Chloride —

TLTA () —

OTHER TESTS

Micromedex (+) for
Hydrocodone

PRELIMINARY TEST RESULTS

RESULTS

Hydrocodone

DATE

3/19/12

GC/MS CONFIRMATORY TEST

RESULTS

Hydrocodone

MS
OPERATOR

LAG

DATE

3/23/12

Drug Information

DRUG NAME: HYDROCODONE BITARTRATE AND ACETAMINOPHEN

INGREDIENTS: ACETAMINOPHEN -- 500 MG
HYDROCODONE BITARTRATE -- 5 MG

Color: White

Shape: Capsule-shape

Imprint: 3592 The tablet is debossed "3592" on one side and debossed "V" on the reversed side. , V

Form: Oral Tablet

Available-Container-Size: Bottle of 60 , Bottle of 240 , Bottle of 120 , Bottle of 30 , Bottle of 180 , Bottle of 100 , Bottle of 50 , Bottle of 20 , Bottle of 1000 , Bottle of 500 , Bottle of 90

AAPCC Code: 201063 -
Acetaminophen with Hydrocodone

NDC: 00603-3881-20

00603-3881-12

00603-3881-22

00603-3881-16

00603-3881-04

00603-3881-21

00603-3881-19

00603-3881-09

00603-3881-32

00603-3881-28

00603-3881-02

UPC: 06033-88112

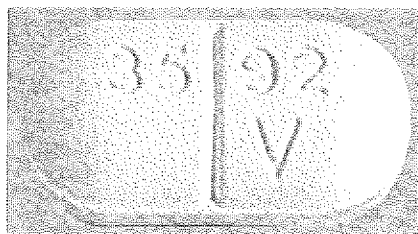
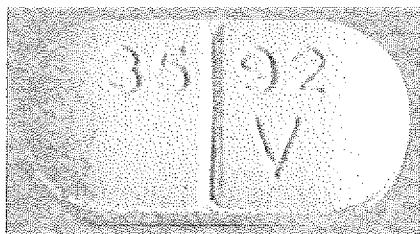
Excipients: Magnesium Stearate ; Sodium Starch Glycolate ; Hypromellose ; Lactose (Monohydrate)

Regulatory Status: Schedule III

Availability: United States

Product ID 5952935

Contact: Qualitest Pharmaceuticals

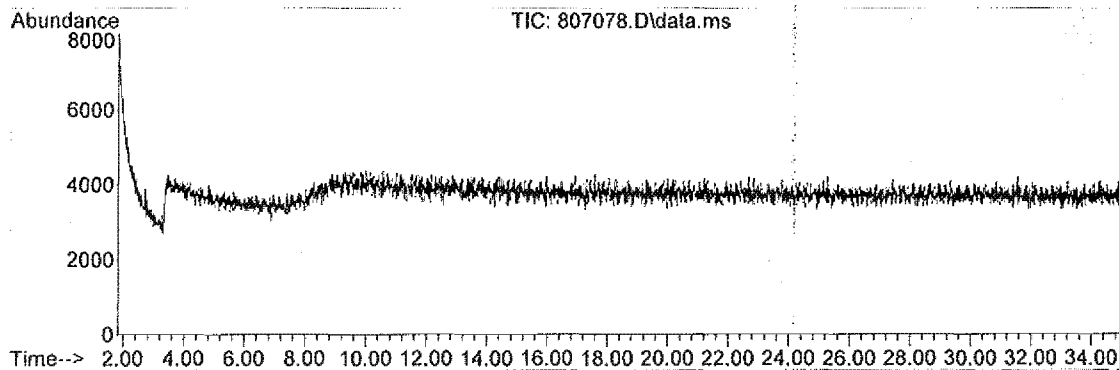


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Area Percent / Library Search Report

Information from Data File:

File Name : F:\Q4-2011\System8\12_02_11\807078.D
 Operator : LAG
 Date Acquired : 3 Dec 2011 21:51
 Sample Name : BLANK
 Submitted by : KAC
 Vial Number : 2
 AcquisitionMeth: SCREEN.M
 Integrator : RTE



| Ret. Time | Area | Area % | Ratio % |
|-----------|------|--------|---------|
|-----------|------|--------|---------|

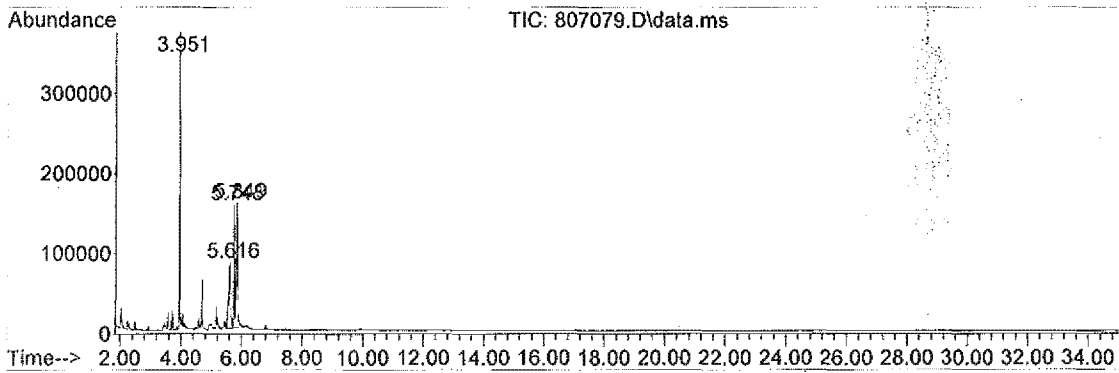
NO INTEGRATED PEAKS

LAG
 6/27/12

Area Percent / Library Search Report

Information from Data File:

File Name : F:\Q4-2011\System8\12_02_11\807079.D
 Operator : LAG
 Date Acquired : 3 Dec 2011 22:29
 Sample Name : XXXXXXXXXX
 Submitted by : XXXXXXXXXX
 Vial Number : 5
 AcquisitionMeth: SCREEN.M
 Integrator : RTE



| Ret. Time | Area | Area % | Ratio % |
|-----------|--------|--------|---------|
| 3.951 | 383474 | 25.48 | 82.22 |
| 5.616 | 372626 | 24.76 | 79.89 |
| 5.748 | 282448 | 18.77 | 60.56 |
| 5.849 | 466407 | 30.99 | 100.00 |

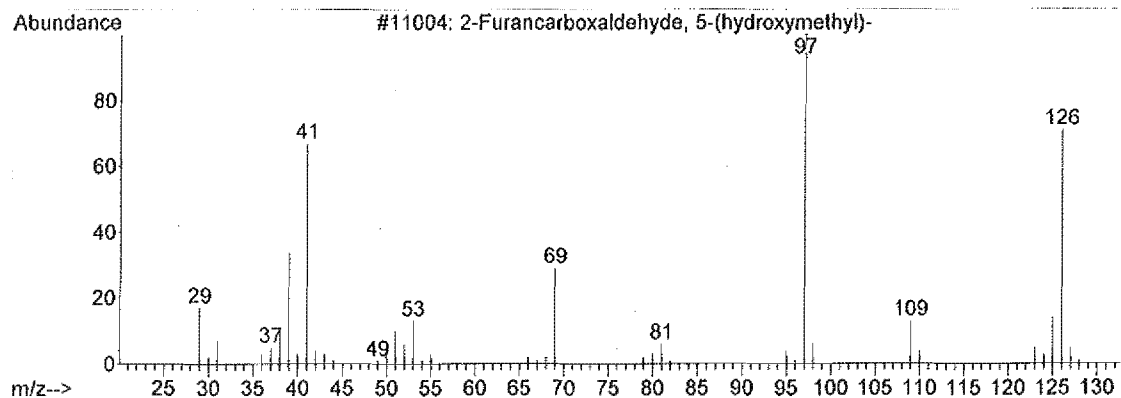
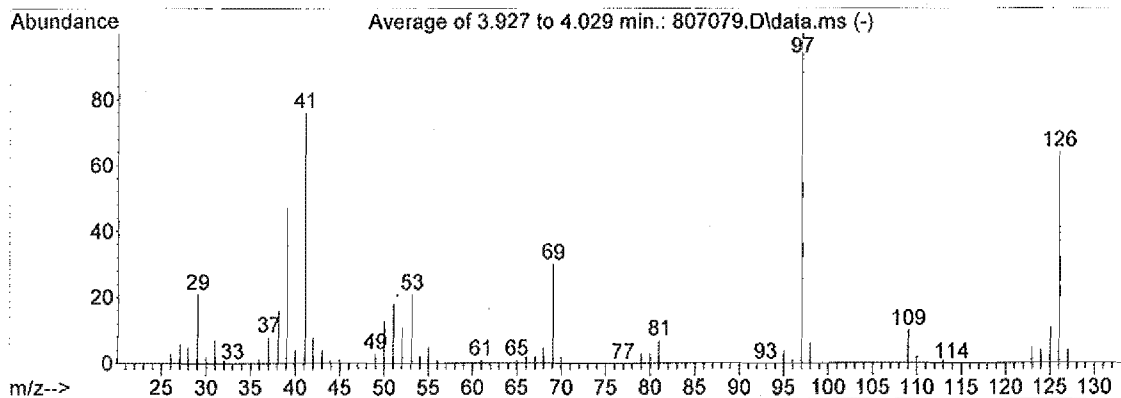
Area Percent / Library Search Report

Information from Data File:

File Name : F:\Q4-2011\System8\12_02_11\807079.D
 Operator : LAG
 Date Acquired : 3 Dec 2011 22:29
 Sample Name : XXXXXXXXXX
 Submitted by : KAC
 Vial Number : 5
 AcquisitionMeth: SCREEN.M
 Integrator : RTE

Search Libraries: C:\Database\SLI.L Minimum Quality: 80
 C:\Database\NIST08.L Minimum Quality: 80
 C:\Database\PMW_TOX2.L

| PK# | RT | Library/ID | CAS# | Qual |
|-----|------|-------------------------------------|-------------|------|
| 1 | 3.95 | C:\Database\NIST08.L | | |
| | | 2-Furancarboxaldehyde, 5-(hydroxyme | 000067-47-0 | 90 |
| | | 2-Furancarboxaldehyde, 5-(hydroxyme | 000067-47-0 | 62 |
| | | Benzenemethanol, 3-fluoro- | 000456-47-3 | 47 |



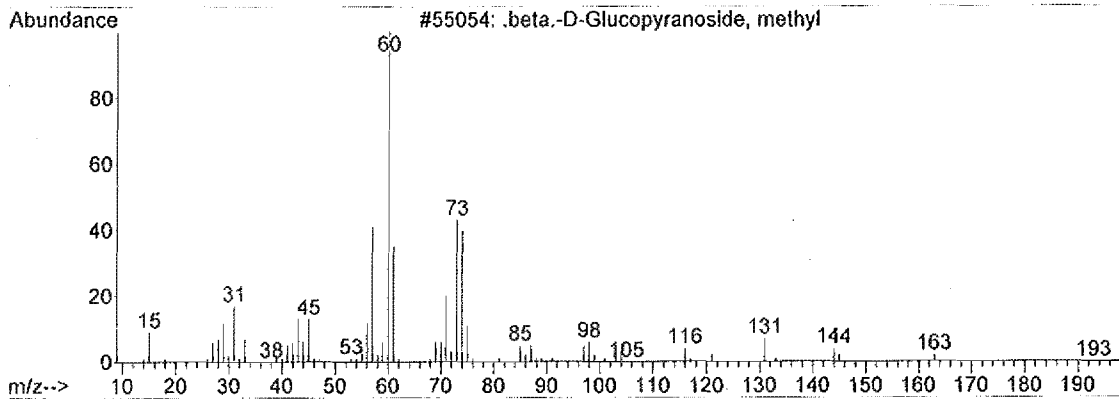
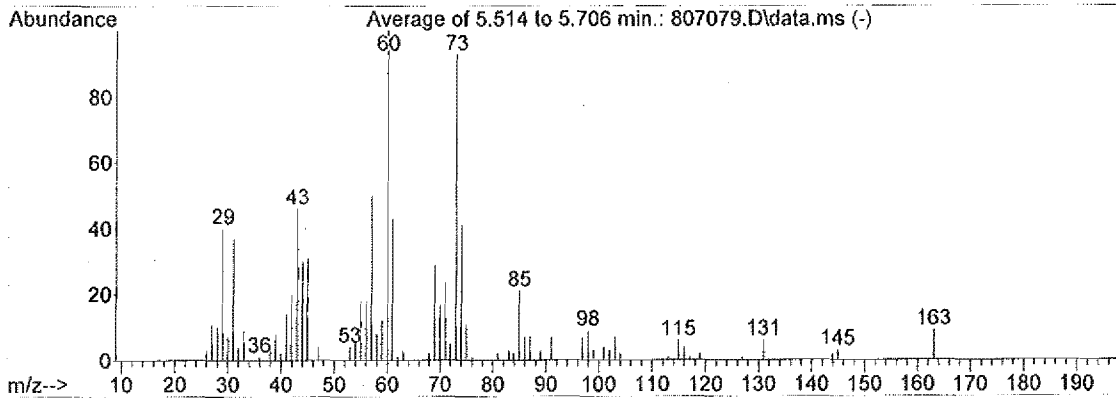
Area Percent / Library Search Report

Information from Data File:

File Name : F:\Q4-2011\System8\12_02_11\807079.D
 Operator : LAG
 Date Acquired : 3 Dec 2011 22:29
 Sample Name : XXXXXXXXXX
 Submitted by : KAC
 Vial Number : 5
 AcquisitionMeth: SCREEN.M
 Integrator : RTE

Search Libraries: C:\Database\SLI.L Minimum Quality: 80
 C:\Database\NIST08.L Minimum Quality: 80
 C:\Database\PMW_TOX2.L

| PK# | RT | Library/ID | CAS# | Qual |
|-----|------|-----------------------------------|-------------|------|
| 2 | 5.62 | C:\Database\NIST08.L | | |
| | | .beta.-D-Glucopyranoside, methyl | 000709-50-2 | 80 |
| | | .beta.-D-Glucopyranoside, methyl | 000709-50-2 | 72 |
| | | .alpha.-D-Glucopyranoside, methyl | 000097-30-3 | 72 |



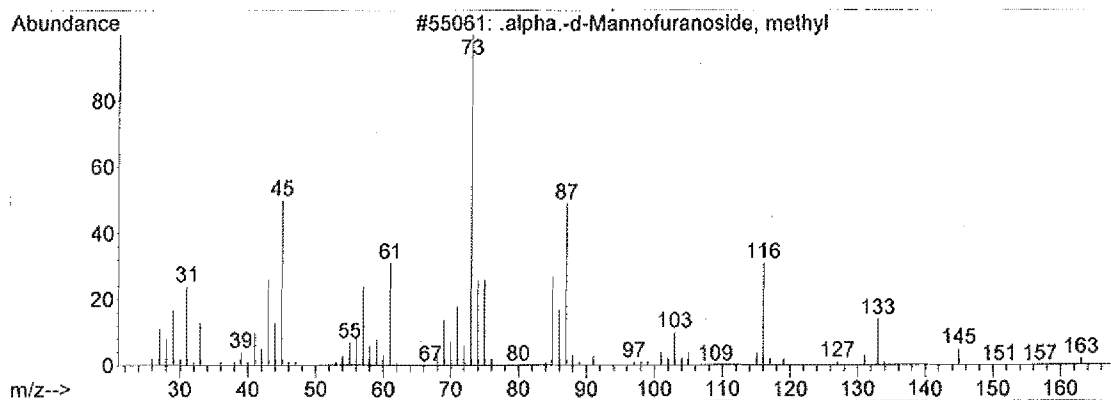
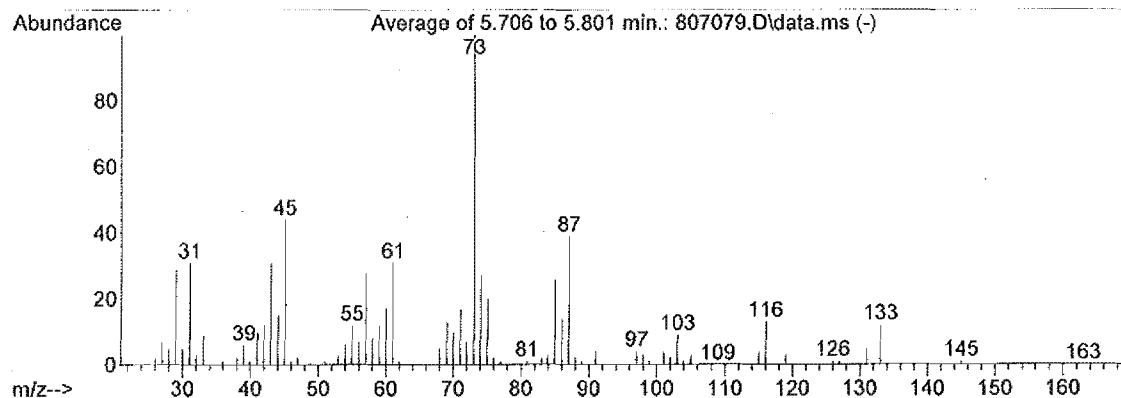
Area Percent / Library Search Report

Information from Data File:

File Name : F:\Q4-2011\System8\12_02_11\807079.D
Operator : LAG
Date Acquired : 3 Dec 2011 22:29
Sample Name : XXXXXXXXXX
Submitted by : KAC
Vial Number : 5
AcquisitionMeth: SCREEN.M
Integrator : RTE

Search Libraries: C:\Database\SLI.L Minimum Quality: 80
C:\Database\NIST08.L Minimum Quality: 80
C:\Database\PMW_TOX2.L

| PK# | RT | Library/ID | CAS# | Qual |
|-----|------|-----------------------------------|-------------|------|
| 3 | 5.75 | C:\Database\NIST08.L | | |
| | | .alpha.-d-Mannofuranoside, methyl | 004097-91-0 | 91 |
| | | .beta.-d-Lyxofuranoside, methyl | 022861-09-2 | 47 |
| | | .alpha.-D-Xylofuranoside, methyl | 001824-96-0 | 43 |



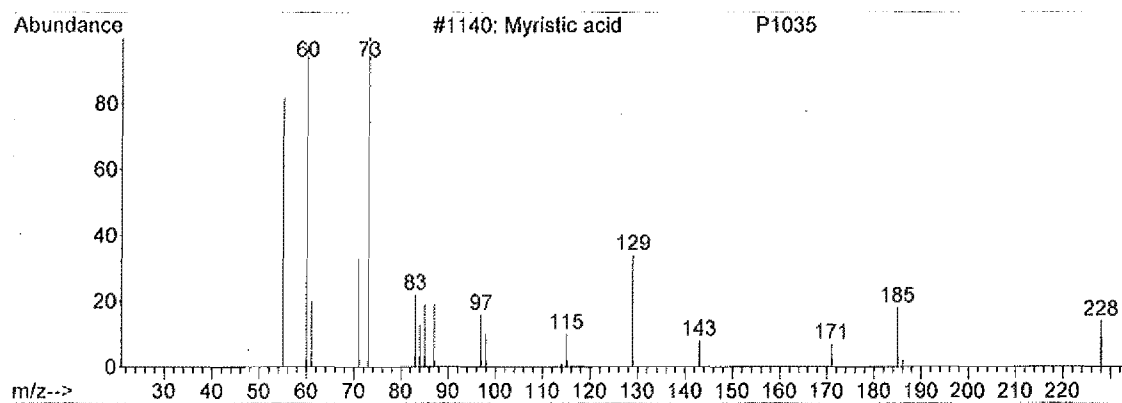
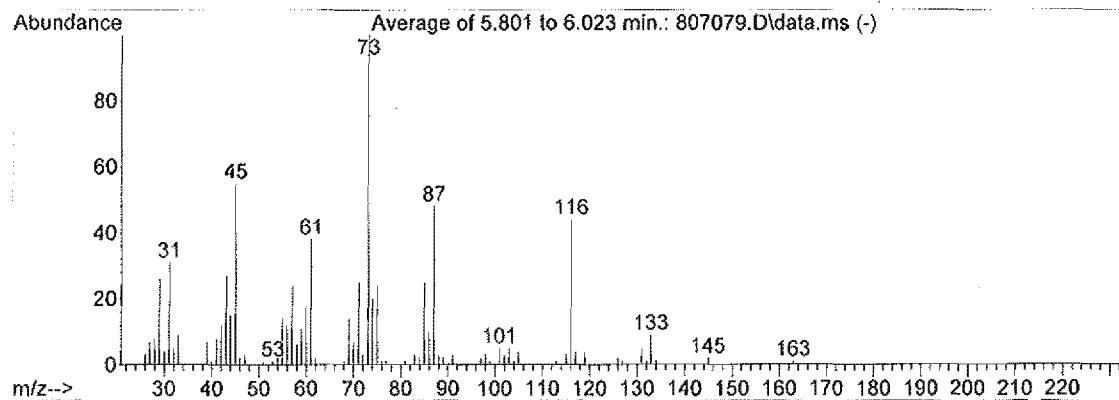
Area Percent / Library Search Report

Information from Data File:

File Name : F:\Q4-2011\System8\12_02_11\807079.D
 Operator : LAG
 Date Acquired : 3 Dec 2011 22:29
 Sample Name : XXXXXXXXXX
 Submitted by : KAC
 Vial Number : 5
 AcquisitionMeth: SCREEN.M
 Integrator : RTE

Search Libraries: C:\Database\SLI.L Minimum Quality: 80
 C:\Database\NIST08.L Minimum Quality: 80
 C:\Database\PMW_TOX2.L

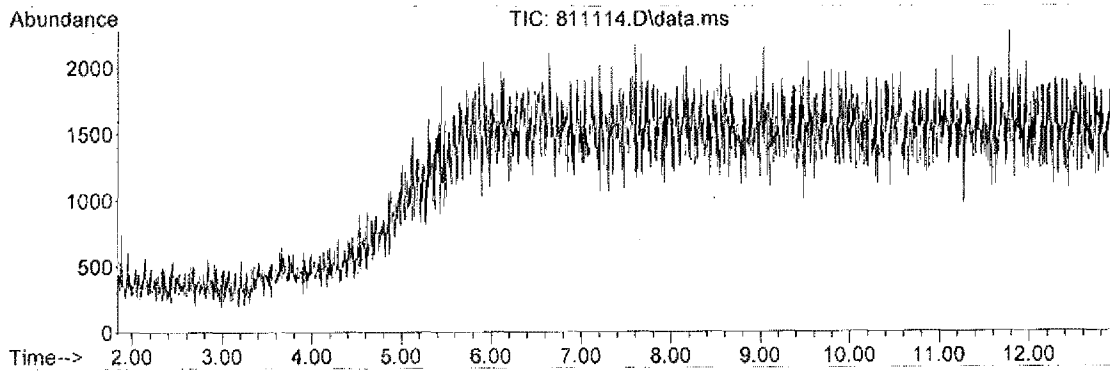
| PK# | RT | Library/ID | CAS# | Qual |
|-----|------|---|-------------|------|
| 4 | 5.85 | C:\Database\PMW_TOX2.L Myristic acid | 000544-63-8 | 1 |



Area Percent / Library Search Report

Information from Data File:

File Name : F:\Q4-2011\System7\12_13_11\811114.D
Operator : LAG
Date Acquired : 13 Dec 2011 16:02
Sample Name : BLANK
Submitted by :
Vial Number : 1
AcquisitionMeth: DRUGS.M
Integrator : RTE



| Ret. Time | Area | Area % | Ratio % |
|-----------|------|--------|---------|
|-----------|------|--------|---------|

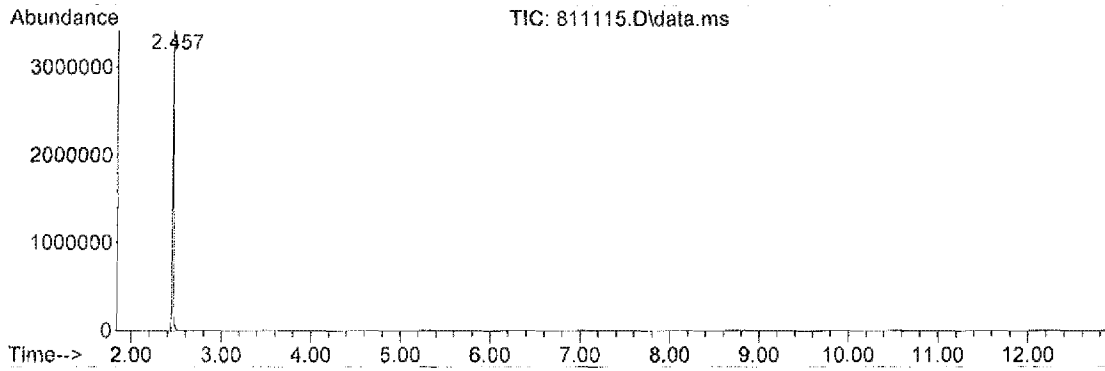
NO INTEGRATED PEAKS

LAG
6/27/12

Area Percent / Library Search Report

Information from Data File:

File Name : F:\Q4-2011\System7\12_13_11\811115.D
 Operator : LAG
 Date Acquired : 13 Dec 2011 16:17
 Sample Name : BENZOCAINE STD
 Submitted by :
 Vial Number : 15
 AcquisitionMeth: DRUGS.M
 Integrator : RTE



| Ret. Time | Area | Area % | Ratio % |
|-----------|---------|--------|---------|
| 2.457 | 3303000 | 100.00 | 100.00 |

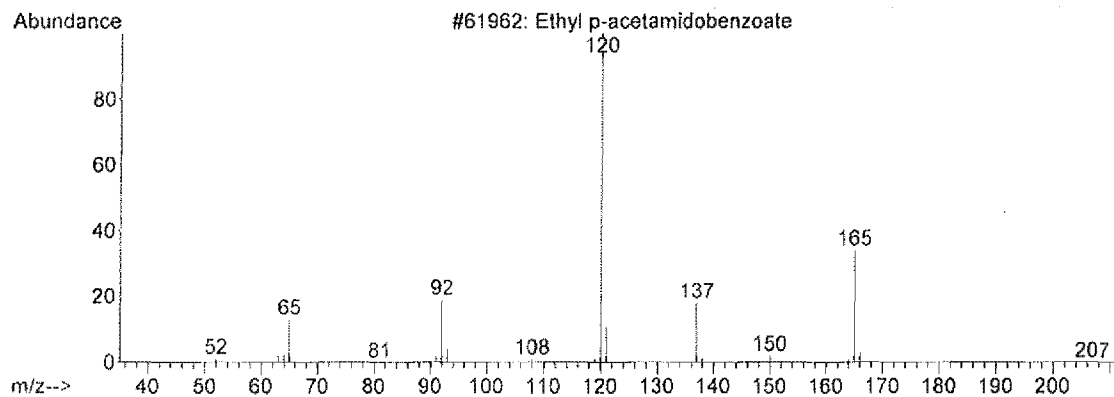
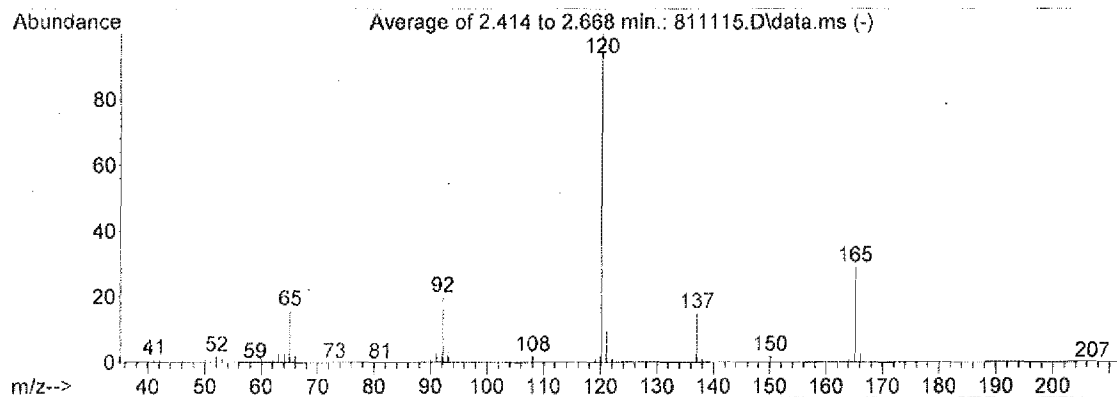
Area Percent / Library Search Report

Information from Data File:

File Name : F:\Q4-2011\System7\12_13_11\811115.D
 Operator : LAG
 Date Acquired : 13 Dec 2011 16:17
 Sample Name : BENZOCAINE STD
 Submitted by :
 Vial Number : 15
 AcquisitionMeth: DRUGS.M
 Integrator : RTE

Search Libraries: C:\Database\SLI.L Minimum Quality: 80
 C:\Database\NIST05a.L Minimum Quality: 80
 C:\Database\PMW_TOX2.L

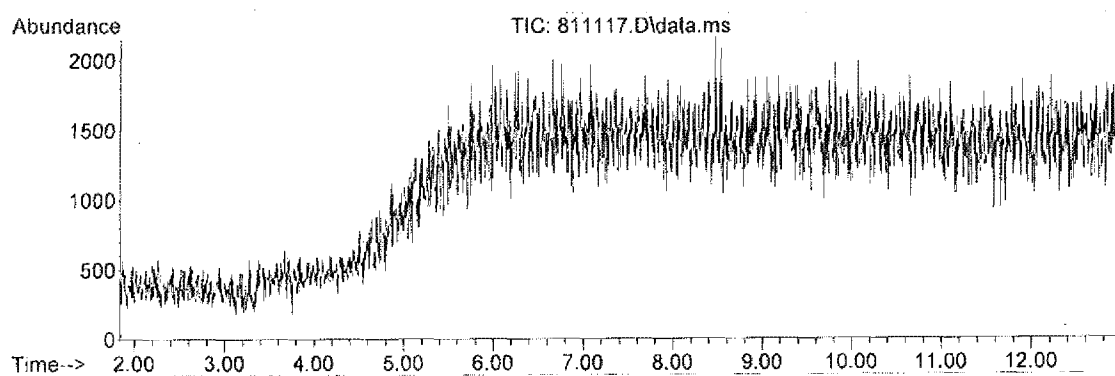
| PK# | RT | Library/ID | CAS# | Qual |
|-----|------|-------------------------------------|-------------|------|
| 1 | 2.46 | C:\Database\NIST05a.L | | |
| | | Ethyl p-acetamidobenzoate | 005338-44-3 | 96 |
| | | Benzoic acid, 4-amino-, ethyl ester | 000094-09-7 | 95 |
| | | Benzoic acid, 4-amino-, ethyl ester | 000094-09-7 | 94 |



Area Percent / Library Search Report

Information from Data File:

File Name : F:\Q4-2011\System7\12_13_11\811117.D
Operator : LAG
Date Acquired : 13 Dec 2011 16:49
Sample Name : BLANK
Submitted by : KAC
Vial Number : 1
AcquisitionMeth: DRUGS.M
Integrator : RTE



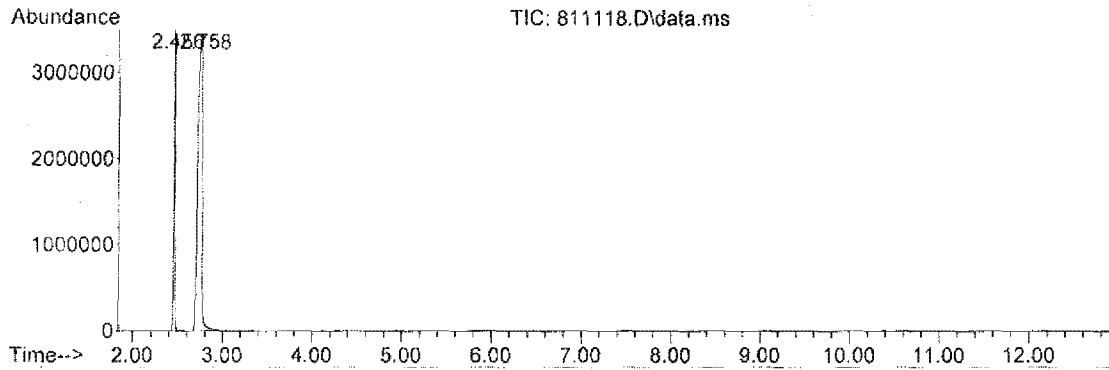
| Ret. Time | Area | Area % | Ratio % |
|-----------|------|--------|---------|
|-----------|------|--------|---------|

NO INTEGRATED PEAKS

Area Percent / Library Search Report

Information from Data File:

File Name : F:\Q4-2011\System7\12_13_11\811118.D
 Operator : LAG
 Date Acquired : 13 Dec 2011 17:04
 Sample Name : XXXXXXXXXX
 Submitted by : KAC
 Vial Number : 18
 AcquisitionMeth: DRUGS.M
 Integrator : RTE



| Ret. Time | Area | Area % | Ratio % |
|-----------|----------|--------|---------|
| 2.456 | 3368668 | 22.31 | 28.72 |
| 2.758 | 11729488 | 77.69 | 100.00 |

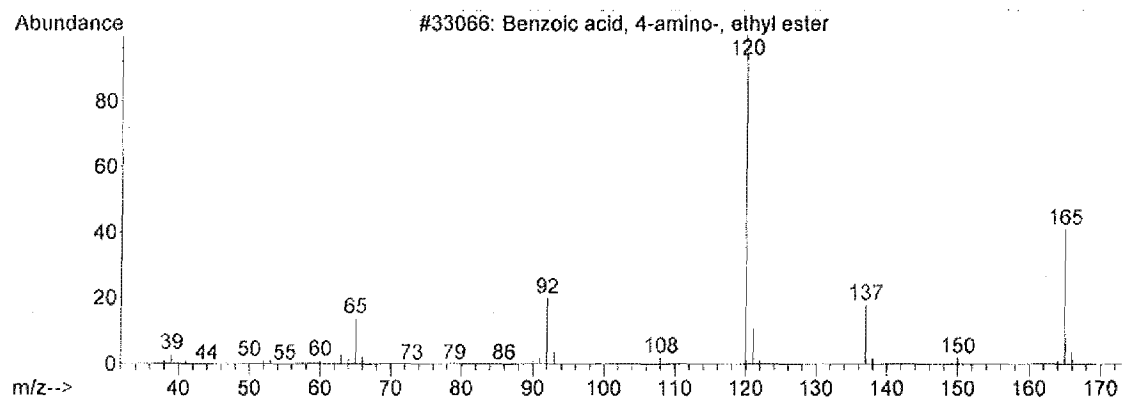
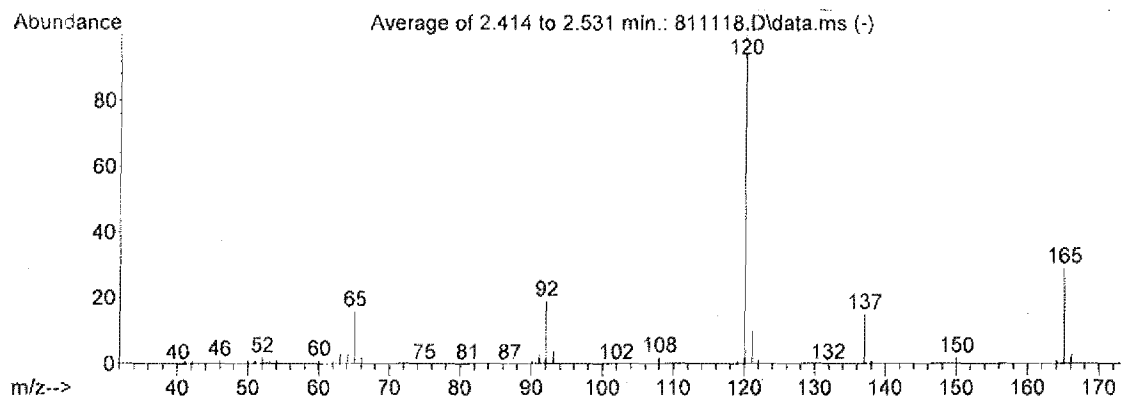
Area Percent / Library Search Report

Information from Data File:

File Name : F:\Q4-2011\System7\12_13_11\811118.D
 Operator : LAG
 Date Acquired : 12 Dec 2011 17:04
 Sample Name : XXXXXXXXXX
 Submitted by : KAC
 Vial Number : 18
 AcquisitionMeth: DRUGS.M
 Integrator : RTE

Search Libraries: C:\Database\SLI.L Minimum Quality: 80
 C:\Database\NIST05a.L Minimum Quality: 80
 C:\Database\PMW_TOX2.L

| PK# | RT | Library/ID | CAS# | Qual |
|-----|------|-------------------------------------|-------------|------|
| 1 | 2.46 | C:\Database\NIST05a.L | | |
| | | Benzoic acid, 4-amino-, ethyl ester | 000094-09-7 | 95 |
| | | Benzoic acid, 4-amino-, ethyl ester | 000094-09-7 | 94 |
| | | Benzoic acid, 4-amino-, ethyl ester | 000094-09-7 | 94 |



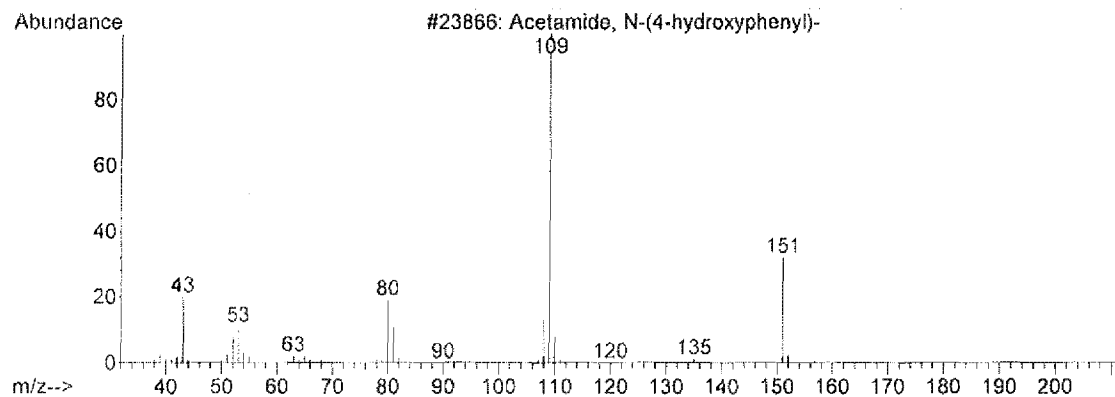
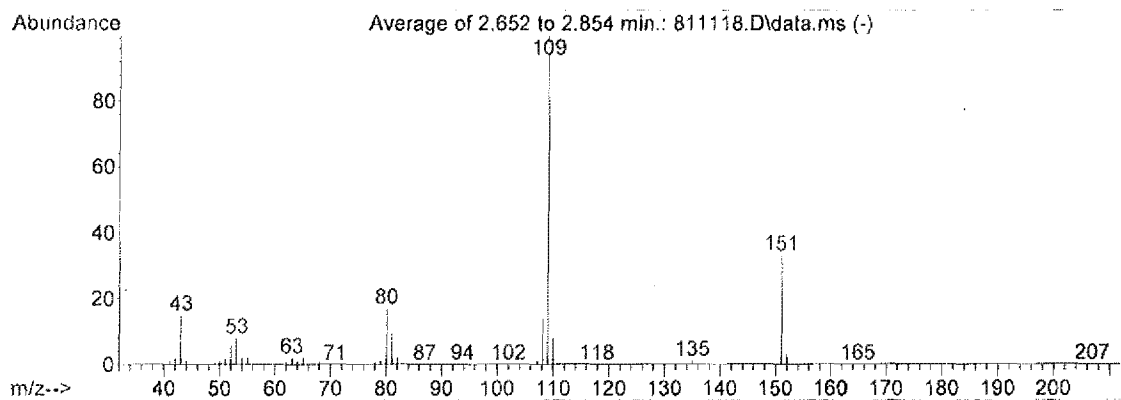
Area Percent / Library Search Report

Information from Data File:

File Name : F:\Q4-2011\System7\12_13_11\811118.D
Operator : LAG
Date Acquired : 13 Dec 2011 17:04
Sample Name : XXXXXXXXXX
Submitted by : XXXXXXXXXX
Vial Number : 18
AcquisitionMeth: DRUGS.M
Integrator : RTE

Search Libraries: C:\Database\SLI.L Minimum Quality: 80
C:\Database\NIST05a.L Minimum Quality: 80
C:\Database\PMW_TOX2.L

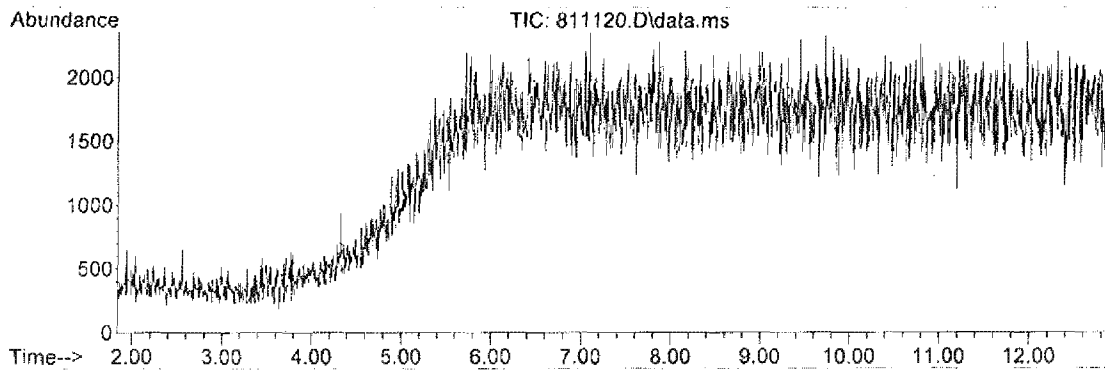
| PK# | RT | Library/ID | CAS# | Qual |
|-----|------|---------------------------------|-------------|------|
| 2 | 2.76 | C:\Database\NIST05a.L | | |
| | | Acetamide, N-(4-hydroxyphenyl)- | 000103-90-2 | 97 |
| | | Acetamide, N-(4-hydroxyphenyl)- | 000103-90-2 | 95 |
| | | Acetamide, N-(4-hydroxyphenyl)- | 000103-90-2 | 94 |



Area Percent / Library Search Report

Information from Data File:

File Name : F:\Q4-2011\System7\12_13_11\811120.D
Operator : LAG
Date Acquired : 13 Dec 2011 17:35
Sample Name : BLANK
Submitted by :
Vial Number : 1
AcquisitionMeth: DRUGS.M
Integrator : RTE



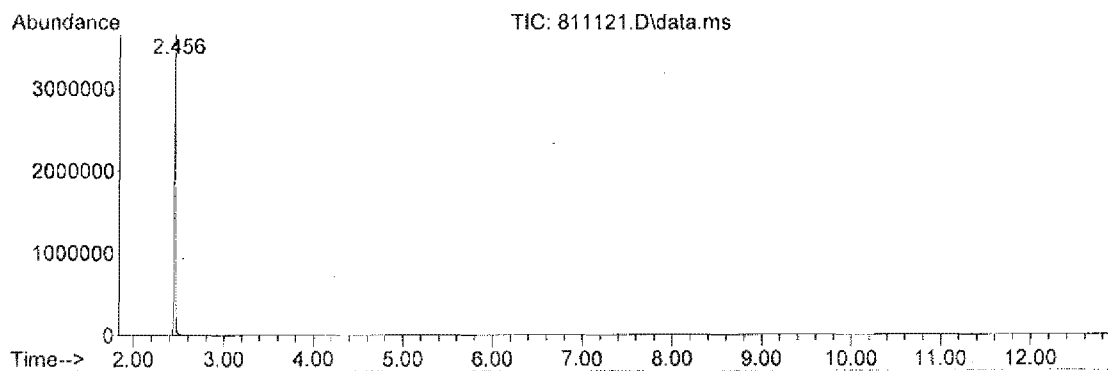
| Ret. Time | Area | Area % | Ratio % |
|-----------|------|--------|---------|
|-----------|------|--------|---------|

NO INTEGRATED PEAKS

Area Percent / Library Search Report

Information from Data File:

File Name : F:\Q4-2011\System7\12_13_11\811121.D
 Operator : LAG
 Date Acquired : 13 Dec 2011 17:51
 Sample Name : BENZOCAINE STD
 Submitted by :
 Vial Number : 15
 AcquisitionMeth: DRUGS.M
 Integrator : RTE



| Ret. Time | Area | Area % | Ratio % |
|-----------|---------|--------|---------|
| 2.456 | 3650395 | 100.00 | 100.00 |

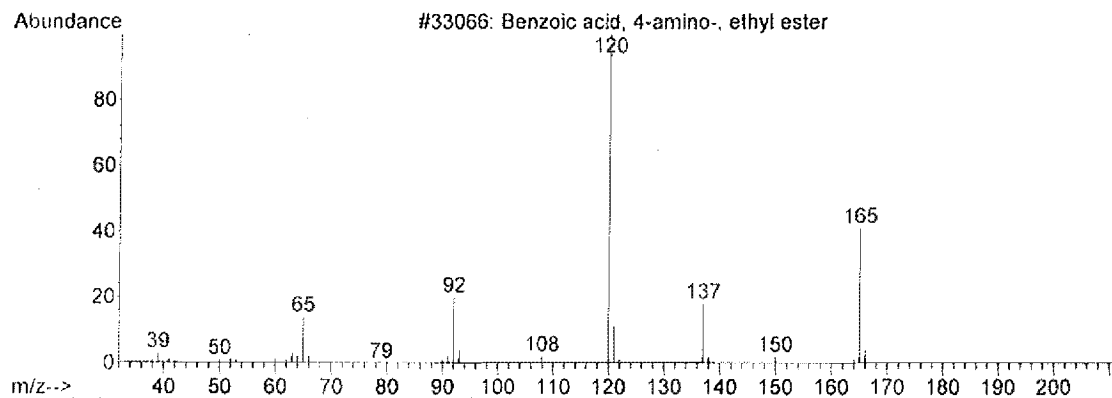
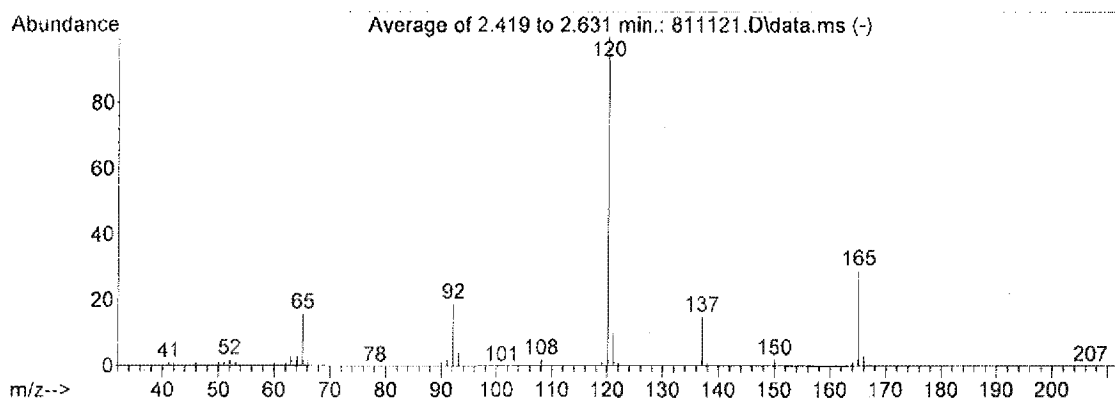
Area Percent / Library Search Report

Information from Data File:

File Name : F:\Q4-2011\System7\12_13_11\811121.D
 Operator : LAG
 Date Acquired : 13 Dec 2011 17:51
 Sample Name : BENZOCAINE STD
 Submitted by :
 Vial Number : 15
 AcquisitionMeth: DRUGS.M
 Integrator : RTE

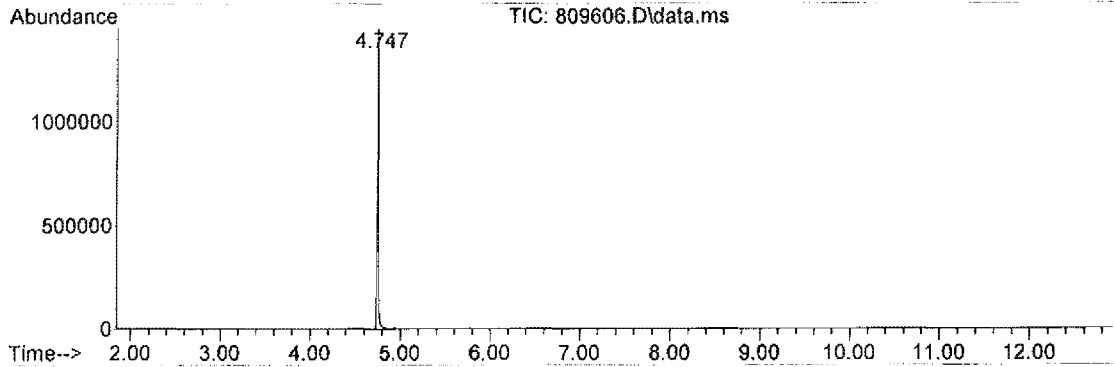
Search Libraries: C:\Database\SLI.L Minimum Quality: 80
 C:\Database\NIST05a.L Minimum Quality: 80
 C:\Database\PMW_TOX2.L

| PK# | RT | Library/ID | CAS# | Qual |
|-----|------|-------------------------------------|-------------|------|
| 1 | 2.46 | C:\Database\NIST05a.L | | |
| | | Benzoic acid, 4-amino-, ethyl ester | 000094-09-7 | 95 |
| | | Benzoic acid, 4-amino-, ethyl ester | 000094-09-7 | 95 |
| | | Benzoic acid, 4-amino-, ethyl ester | 000094-09-7 | 94 |



Information from Data File:

File Name : F:\Q4-2011\System8\12_02_11\809606.D
Operator : LAG
Date Acquired : 2 Dec 2011 14:47
Sample Name : COCAINE STD
Submitted by :
Vial Number : 6
AcquisitionMeth: DRUGS.M
Integrator : RTE



| Ret. Time | Area | Area % | Ratio % |
|-----------|---------|--------|---------|
| 4.747 | 1407448 | 100.00 | 100.00 |

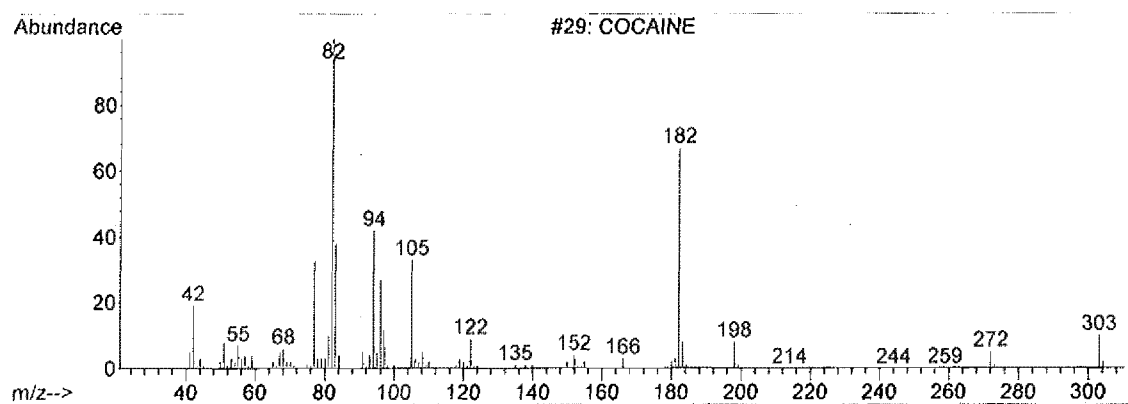
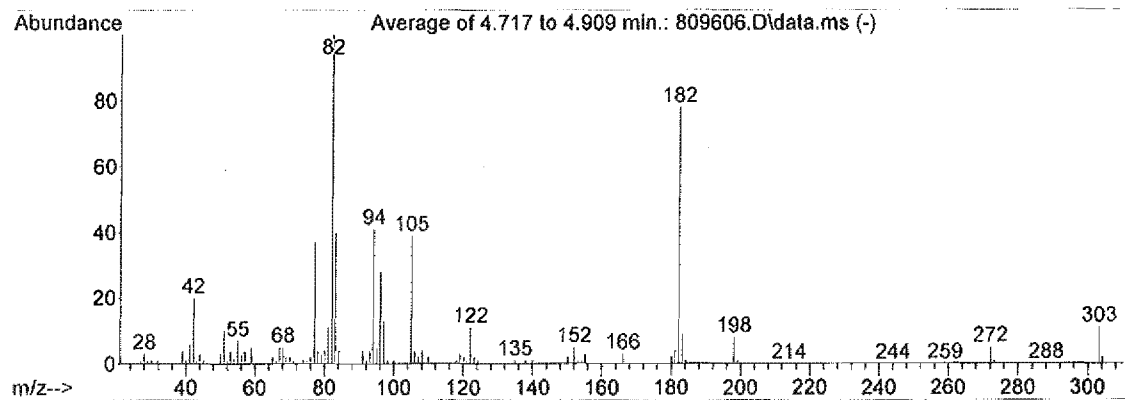
LAG
6/27/12

Information from Data File:

File Name : F:\Q4-2011\System8\12_02_11\809606.D
Operator : LAG
Date Acquired : 2 Dec 2011 14:47
Sample Name : COCAINE STD
Submitted by :
Vial Number : 6
AcquisitionMeth: DRUGS.M
Integrator : RTE

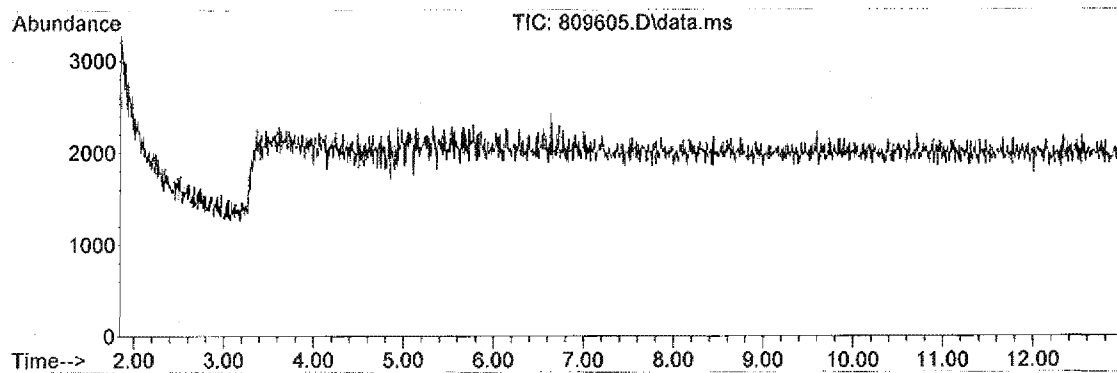
Search Libraries: C:\Database\SLI.L Minimum Quality: 80
C:\Database\NIST08.L Minimum Quality: 80
C:\Database\PMW_TOX2.L

| PK# | RT | Library/ID | CAS# | Qual |
|-----|------|-------------------|-------------|------|
| 1 | 4.75 | C:\Database\SLI.L | | |
| | | COCAINE | 000050-36-2 | 99 |
| | | COCAINE | 000050-36-2 | 99 |
| | | COCAINE | 000050-36-2 | 99 |



Information from Data File:

File Name : F:\Q4-2011\System8\12_02_11\809605.D
Operator : LAG
Date Acquired : 2 Dec 2011 14:31
Sample Name : BLANK
Submitted by :
Vial Number : 1
AcquisitionMeth: DRUGS.M
Integrator : RTE

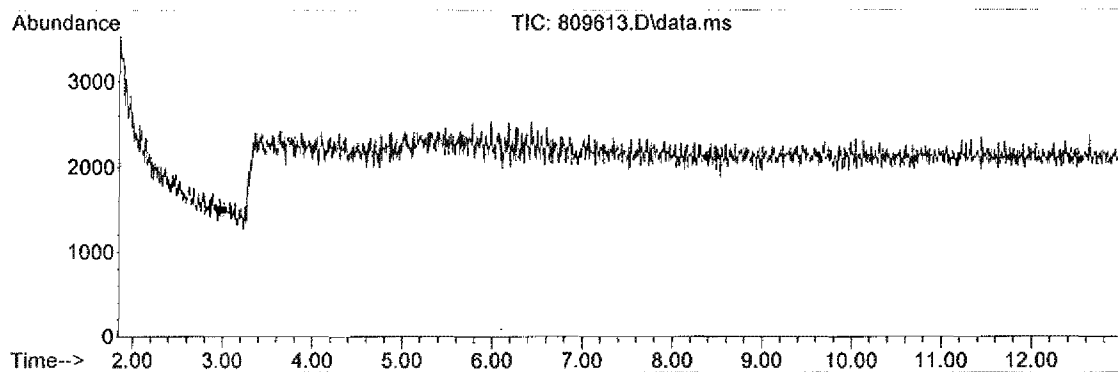


| Ret. Time | Area | Area % | Ratio % |
|-----------|------|--------|---------|
|-----------|------|--------|---------|

NO INTEGRATED PEAKS

Information from Data File:

File Name : F:\Q4-2011\System8\12_02_11\809613.D
Operator : LAG
Date Acquired : 2 Dec 2011 16:35
Sample Name : BLANK
Submitted by : KAC
Vial Number : 1
AcquisitionMeth: DRUGS.M
Integrator : RTE



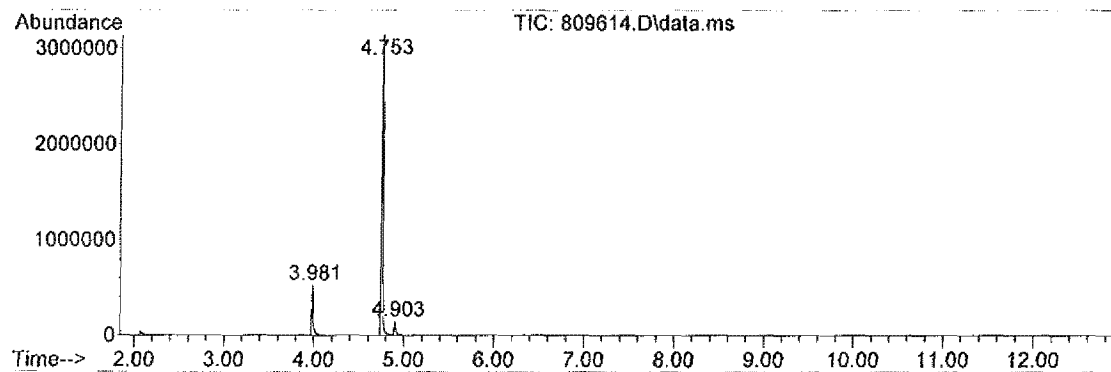
| Ret. Time | Area | Area % | Ratio % |
|-----------|------|--------|---------|
|-----------|------|--------|---------|

NO INTEGRATED PEAKS

Area Percent / Library Search Report

Information from Data File:

File Name : F:\Q4-2011\System8\12_02_11\809614.D
 Operator : LAG
 Date Acquired : 2 Dec 2011 16:51
 Sample Name : XXXXXXXXXX
 Submitted by : KAC
 Vial Number : 14
 AcquisitionMeth: DRUGS.M
 Integrator : RTE



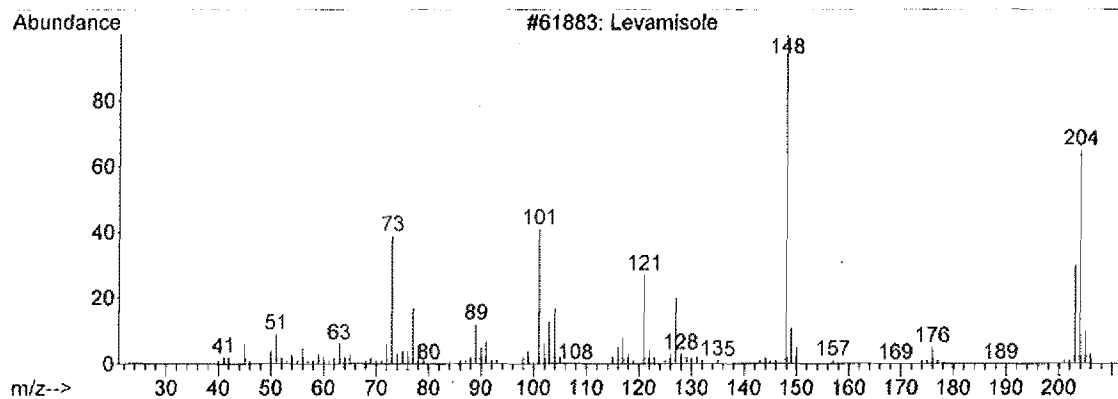
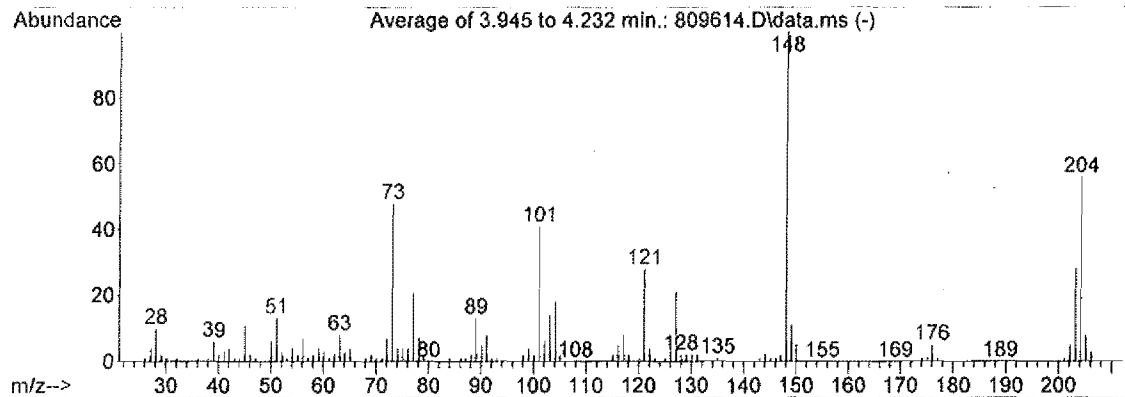
| Ret. Time | Area | Area % | Ratio % |
|-----------|---------|--------|---------|
| 3.981 | 663133 | 14.81 | 18.34 |
| 4.753 | 3616578 | 80.79 | 100.00 |
| 4.903 | 196743 | 4.40 | 5.44 |

Information from Data File:

File Name : F:\Q4-2011\System8\12_02_11\809614.D
Operator : LAG
Date Acquired : 2 Dec 2011 16:51
Sample Name : XXXXXXXXXX
Submitted by : KAC
Vial Number : 14
AcquisitionMeth: DRUGS.M
Integrator : RTE

Search Libraries: C:\Database\SLI.L Minimum Quality: 80
C:\Database\NIST08.L Minimum Quality: 80
C:\Database\PMW_TOX2.L

| PK# | RT | Library/ID | CAS# | Qual |
|-----|------|-------------------------------------|-------------|------|
| 1 | 3.98 | C:\Database\NIST08.L | | |
| | | Levamisole | 006649-23-6 | 99 |
| | | Imidazo[2,1-b]thiazole, 2,3,5,6-tet | 014769-73-4 | 98 |
| | | Levamisole | 006649-23-6 | 98 |

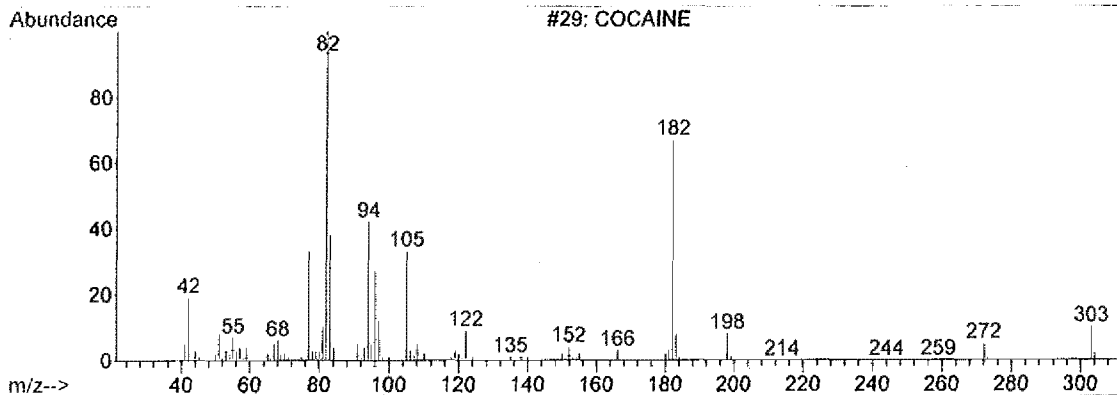
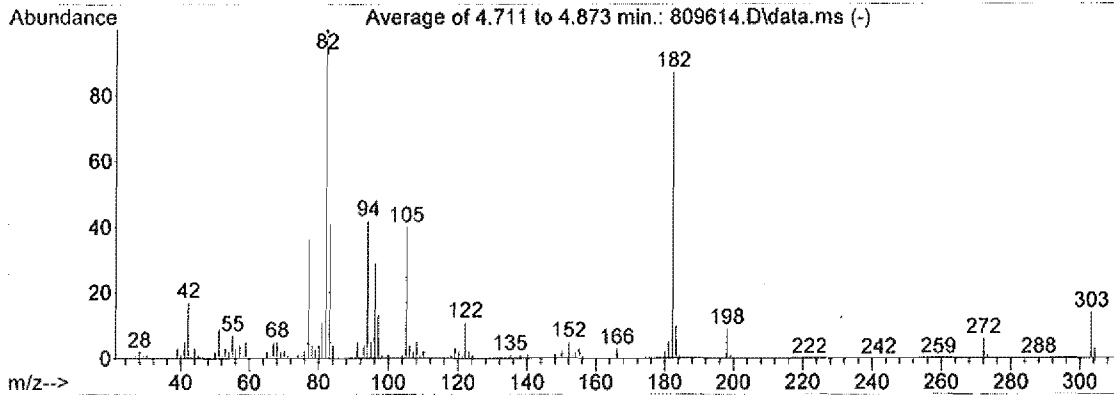


Information from Data File:

File Name : F:\Q4-2011\System8\12_02_11\809614.D
Operator : LAG
Date Acquired : 2 Dec 2011 16:51
Sample Name : XXXXXXXXXX
Submitted by : XXXXXXXXXX
Vial Number : 14
AcquisitionMeth: DRUGS.M
Integrator : RTE

Search Libraries: C:\Database\SLI.L Minimum Quality: 80
C:\Database\NIST08.L Minimum Quality: 80
C:\Database\PMW_TOX2.L

| PK# | RT | Library/ID | CAS# | Qual |
|-----|------|-------------------|-------------|------|
| 2 | 4.75 | C:\Database\SLI.L | | |
| | | COCAINE | 000050-36-2 | 99 |
| | | COCAINE | 000050-36-2 | 99 |
| | | COCAINE | 000050-36-2 | 99 |



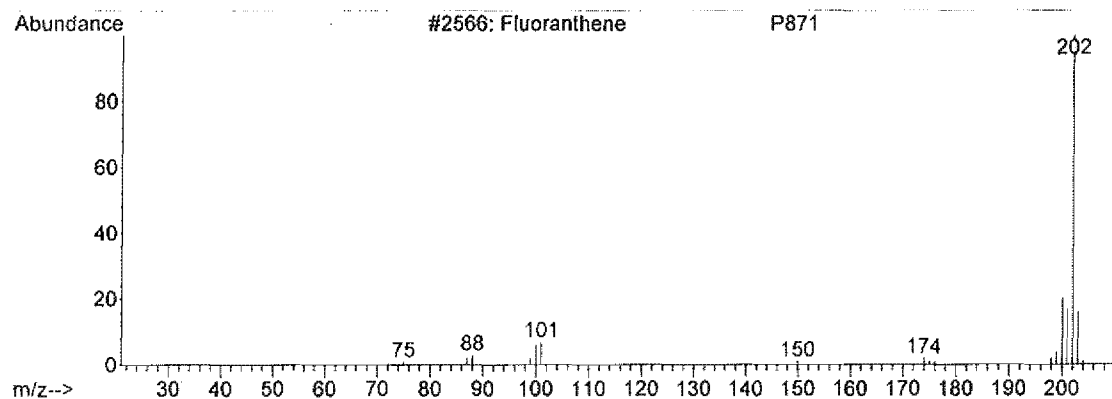
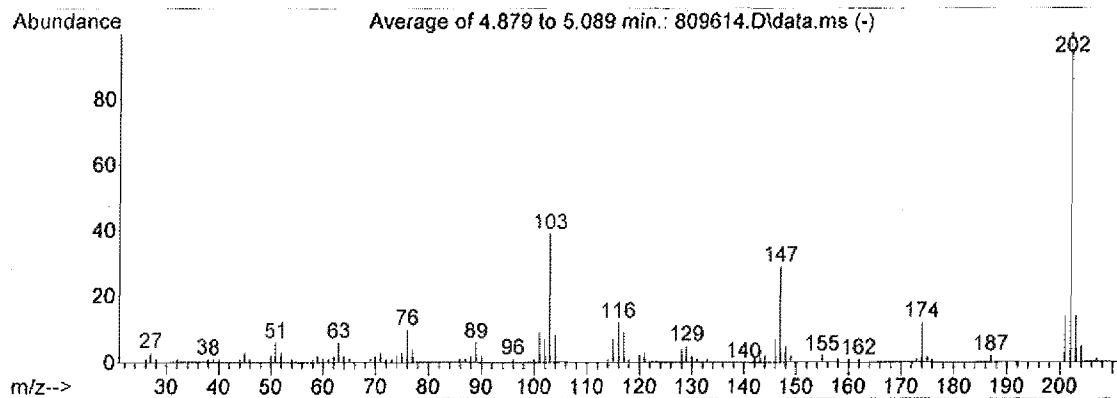
Area Percent / Library Search Report

Information from Data File:

File Name : F:\Q4-2011\System8\12_02_11\809614.D
 Operator : LAG
 Date Acquired : 2 Dec 2011 16:51
 Sample Name : XXXXXXXXXX
 Submitted by : KAC
 Vial Number : 14
 AcquisitionMeth: DRUGS.M
 Integrator : RTE

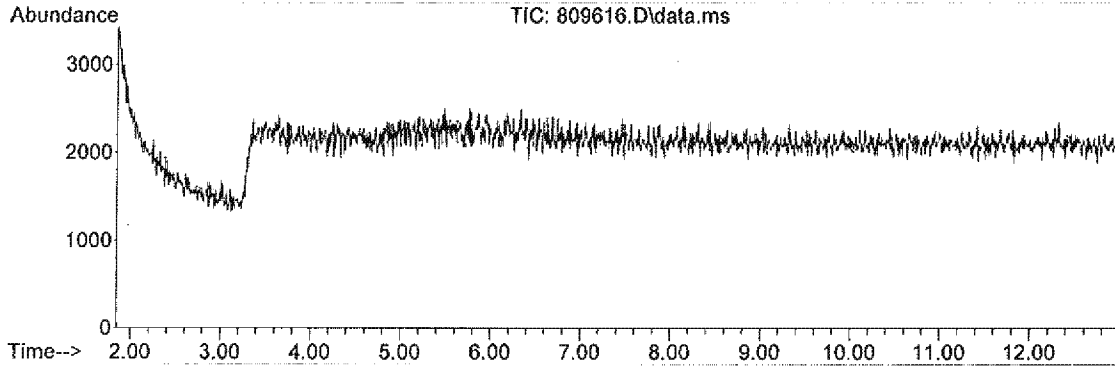
Search Libraries: C:\Database\SLI.L Minimum Quality: 80
 C:\Database\NIST08.L Minimum Quality: 80
 C:\Database\PMW_TOX2.L

| PK# | RT | Library/ID | CAS# | Qual |
|-----|------|------------------------|-------------|------|
| 3 | 4.90 | C:\Database\PMW_TOX2.L | | |
| | | Fluoranthene | 000206-44-0 | 32 |
| | | PCM | 002201-40-3 | 17 |
| | | Pyrene | 000129-00-0 | 9 |



Information from Data File:

File Name : F:\Q4-2011\System8\12_02_11\809616.D
Operator : LAG
Date Acquired : 2 Dec 2011 17:22
Sample Name : BLANK
Submitted by :
Vial Number : 1
AcquisitionMeth: DRUGS.M
Integrator : RTE



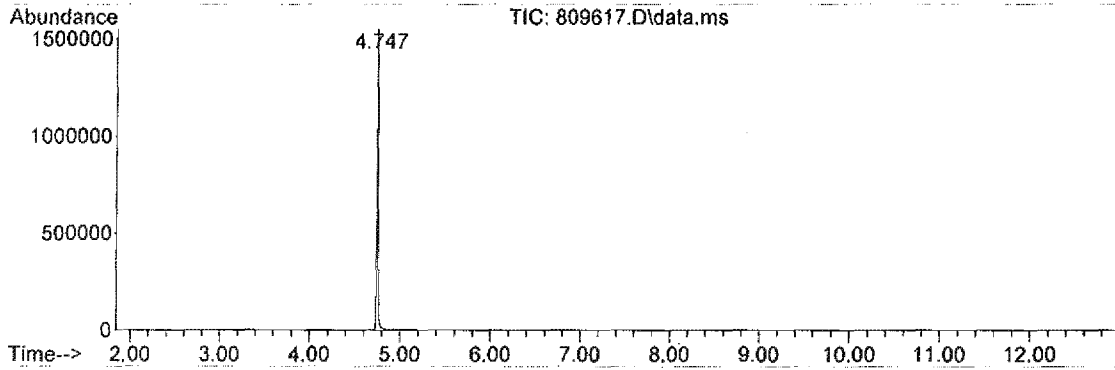
| Ret. Time | Area | Area % | Ratio % |
|-----------|------|--------|---------|
|-----------|------|--------|---------|

NO INTEGRATED PEAKS

Area Percent / Library Search Report

Information from Data File:

File Name : F:\Q4-2011\System8\12_02_11\809617.D
 Operator : LAG
 Date Acquired : 2 Dec 2011 17:38
 Sample Name : COCAINE STD
 Submitted by :
 Vial Number : 6
 AcquisitionMeth: DRUGS.M
 Integrator : RTE



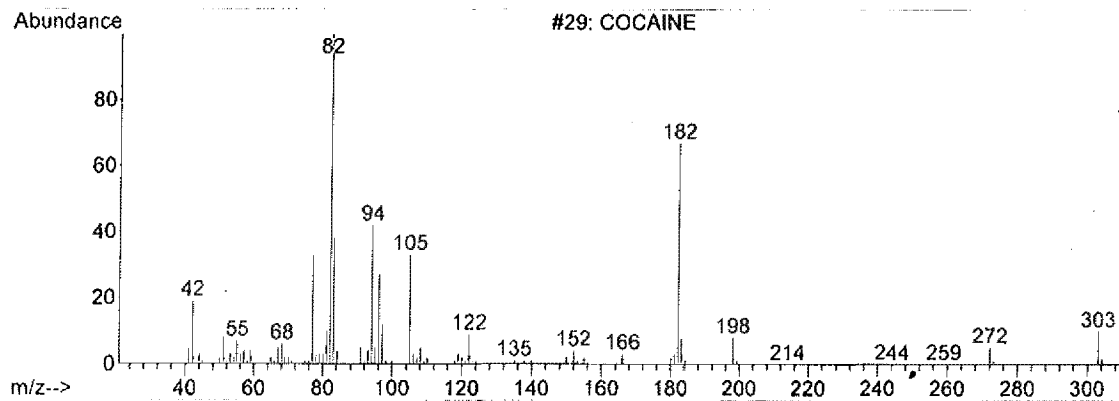
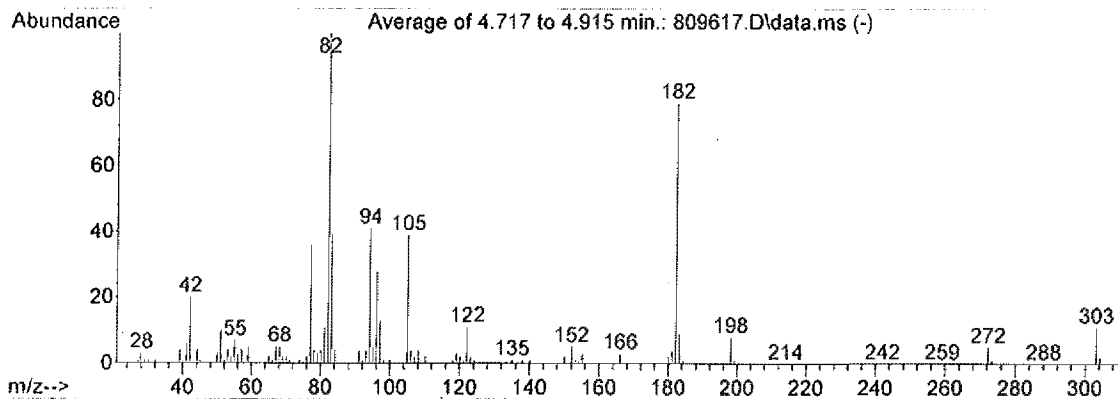
| Ret. Time | Area | Area % | Ratio % |
|-----------|---------|--------|---------|
| 4.747 | 1511894 | 100.00 | 100.00 |

Information from Data File:

File Name : F:\Q4-2011\System8\12_02_11\809617.D
Operator : LAG
Date Acquired : 2 Dec 2011 17:38
Sample Name : COCAINE STD
Submitted by :
Vial Number : 6
AcquisitionMeth: DRUGS.M
Integrator : RTE

Search Libraries: C:\Database\SLI.L Minimum Quality: 80
C:\Database\NIST08.L Minimum Quality: 80
C:\Database\PMW_TOX2.L

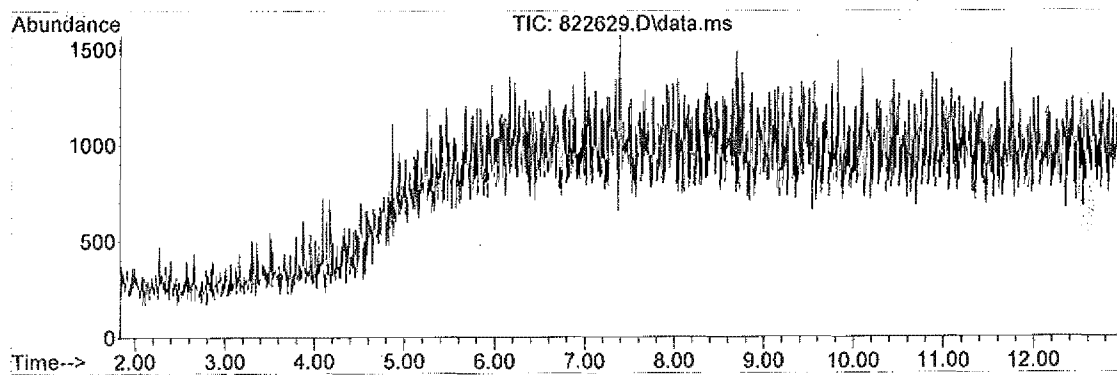
| PK# | RT | Library/ID | CAS# | Qual |
|-----|------|-------------------|-------------|------|
| 1 | 4.75 | C:\Database\SLI.L | | |
| | | COCAINE | 000050-36-2 | 99 |
| | | COCAINE | 000050-36-2 | 99 |
| | | COCAINE | 000050-36-2 | 99 |



Area Percent / Library Search Report

Information from Data File:

File Name : C:\msdchem\1\data\SYSTEM6\03_21_12\822629.D
Operator : LAG
Date Acquired : 21 Mar 2012 22:25
Sample Name : BLANK
Submitted by :
Vial Number : 1
AcquisitionMeth: DRUGS.M
Integrator : RTE



| Ret. Time | Area | Area % | Ratio % |
|-----------|------|--------|---------|
|-----------|------|--------|---------|

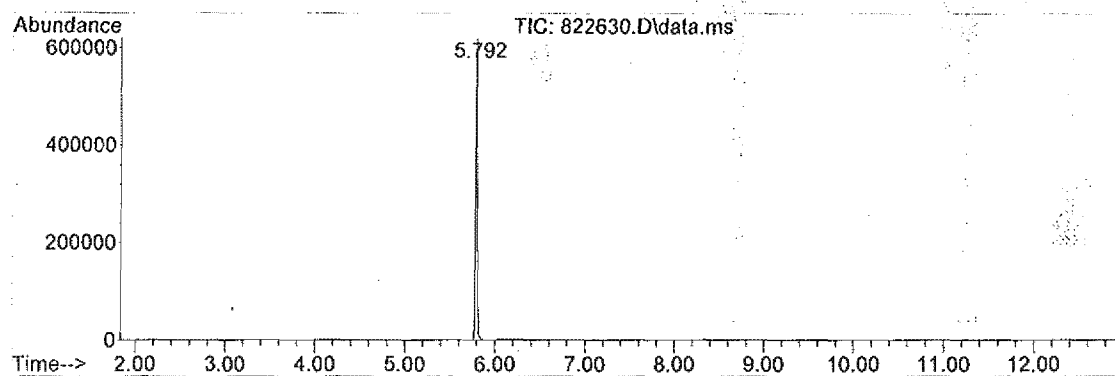
NO INTEGRATED PEAKS

LAG
6/27/12

Area Percent / Library Search Report

Information from Data File:

File Name : C:\msdchem\1\data\SYSTEM6\03_21_12\822630.D
 Operator : LAG
 Date Acquired : 21 Mar 2012 22:41
 Sample Name : HYDROCODONE STD
 Submitted by :
 Vial Number : 30
 AcquisitionMeth: DRUGS.M
 Integrator : RTE



| Ret. Time | Area | Area % | Ratio % |
|-----------|--------|--------|---------|
| 5.792 | 766864 | 100.00 | 100.00 |

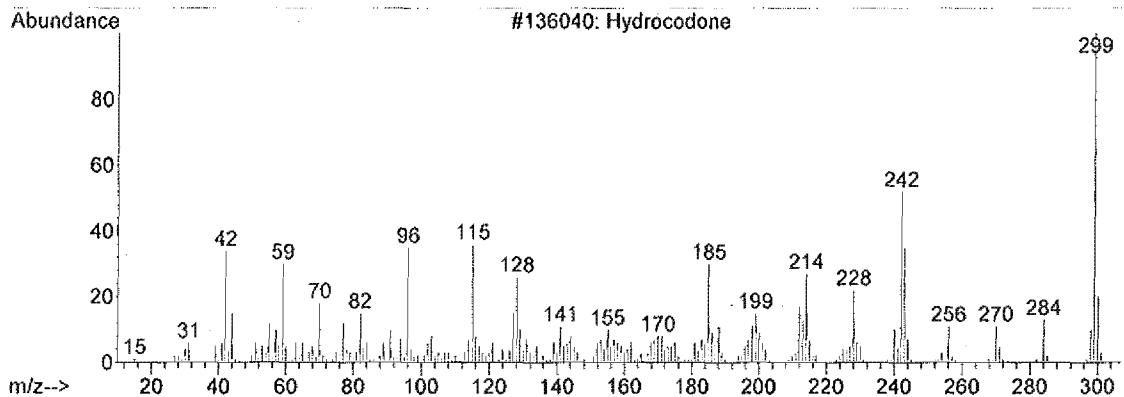
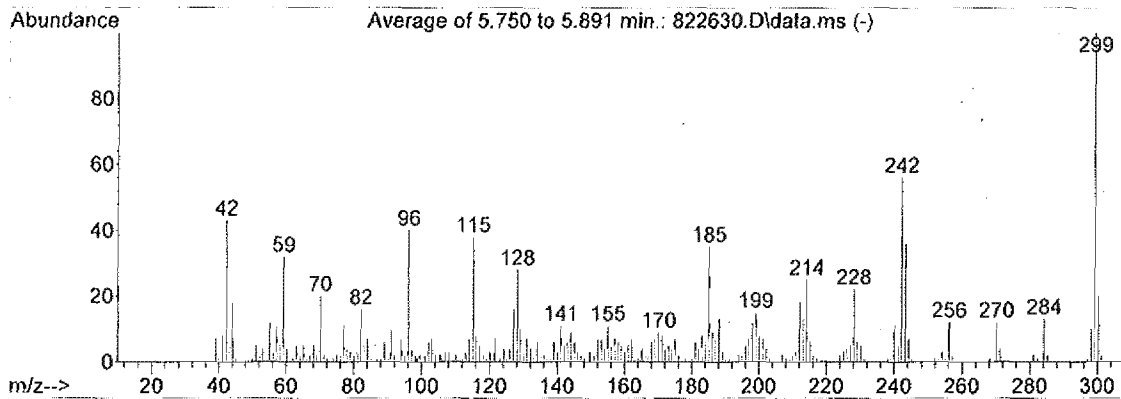
Area Percent / Library Search Report

Information from Data File:

File Name : C:\msdchem\1\data\SYSTEM6\03_21_12\822630.D
 Operator : LAG
 Date Acquired : 21 Mar 2012 22:41
 Sample Name : HYDROCODONE STD
 Submitted by :
 Vial Number : 30
 AcquisitionMeth: DRUGS.M
 Integrator : RTE

Search Libraries: C:\Database\SLI.L Minimum Quality: 80
 C:\Database\NIST08.L Minimum Quality: 80
 C:\Database\PMW_TOX2.L

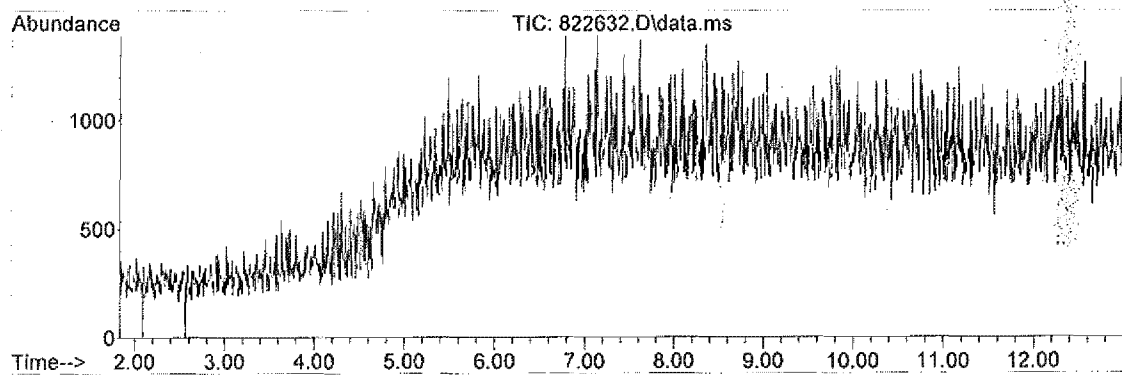
| PK# | RT | Library/ID | CAS# | Qual |
|-----|------|----------------------|-------------|------|
| 1 | 5.79 | C:\Database\NIST08.L | | |
| | | Hydrocodone | 000125-29-1 | 99 |
| | | Hydrocodone | 000125-29-1 | 99 |
| | | Hydrocodone | 000125-29-1 | 99 |



Area Percent / Library Search Report

Information from Data File:

File Name : C:\msdchem\1\data\SYSTEM6\03_21_12\822632.D
Operator : LAG
Date Acquired : 21 Mar 2012 23:12
Sample Name : BLANK
Submitted by : KAC
Vial Number : 1
AcquisitionMeth: DRUGS.M
Integrator : RTE



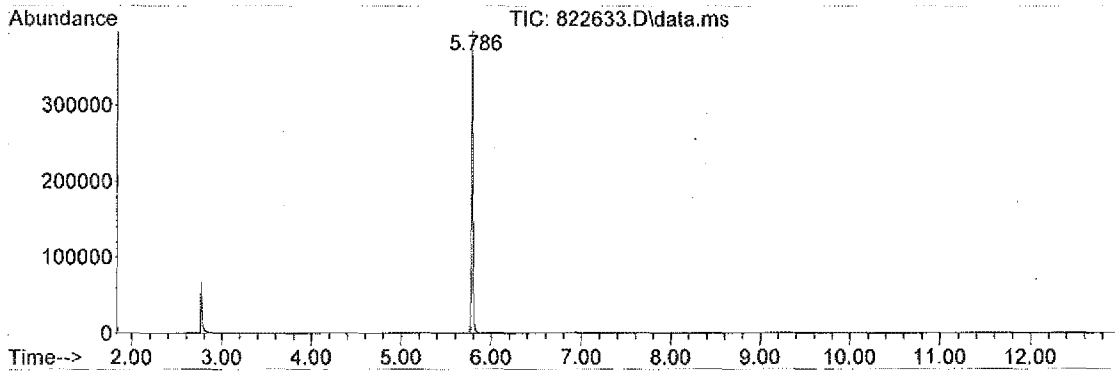
| Ret. Time | Area | Area % | Ratio % |
|-----------|------|--------|---------|
|-----------|------|--------|---------|

NO INTEGRATED PEAKS

Area Percent / Library Search Report

Information from Data File:

File Name : C:\msdchem\1\data\SYSTEM6\03_21_12\822633.D
Operator : LAG
Date Acquired : 21 Mar 2012 23:28
Sample Name : XXXXXXXXXX
Submitted by : KAC
Vial Number : 33
AcquisitionMeth: DRUGS.M
Integrator : RTE



| Ret. Time | Area | Area % | Ratio % |
|-----------|--------|--------|---------|
| 5.786 | 463185 | 100.00 | 100.00 |

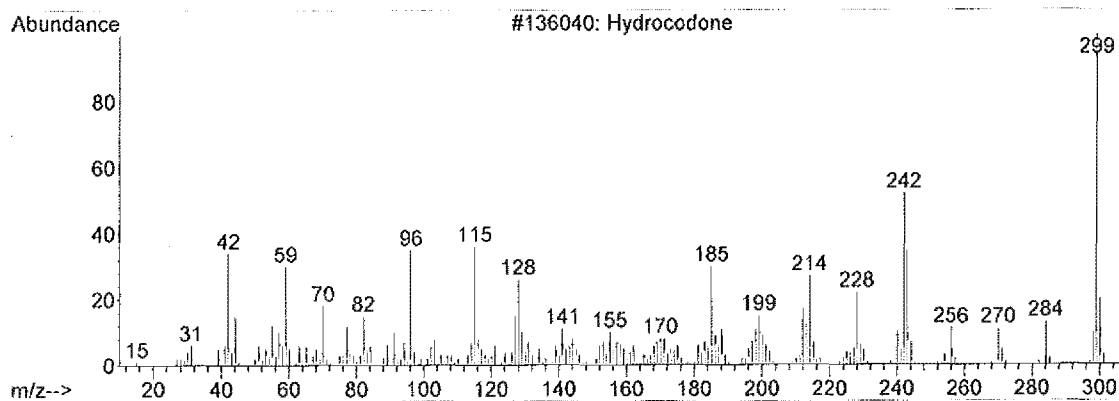
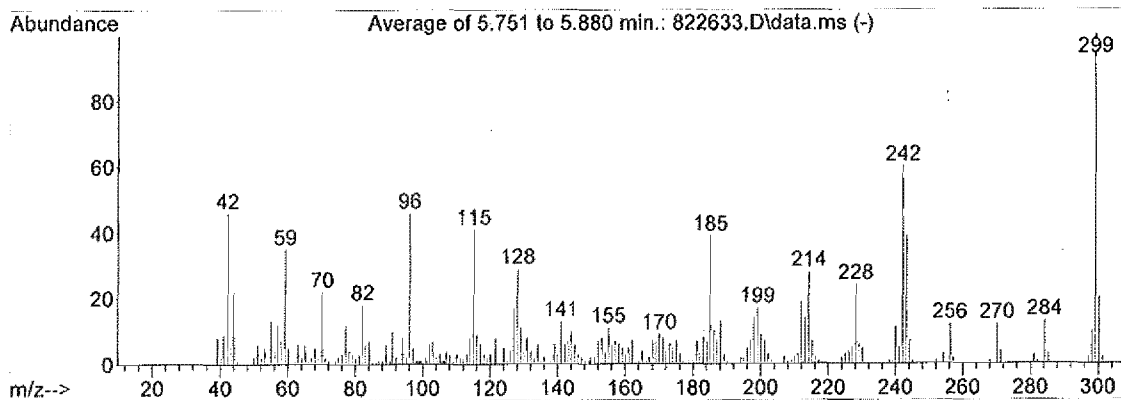
Area Percent / Library Search Report

Information from Data File:

File Name : C:\msdchem\1\data\SYSTEM6\03_21_12\822633.D
 Operator : LAG
 Date Acquired : 21 Mar 2012 23:28
 Sample Name : XXXXXXXXXX
 Submitted by : KAC
 Vial Number : 33
 AcquisitionMeth: DRUGS.M
 Integrator : RTE

Search Libraries: C:\Database\SLI.L Minimum Quality: 80
 C:\Database\NIST08.L Minimum Quality: 80
 C:\Database\PMW_TOX2.L

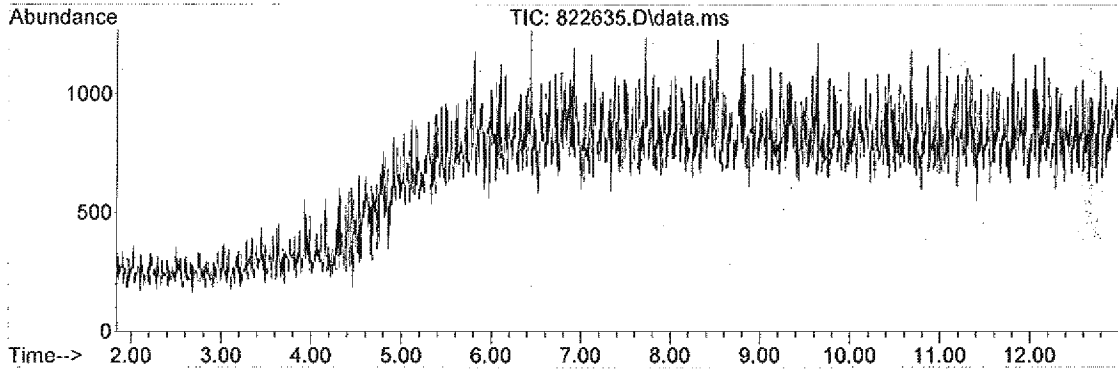
| PK# | RT | Library/ID | CAS# | Qual |
|-----|------|----------------------|-------------|------|
| 1 | 5.79 | C:\Database\NIST08.L | | |
| | | Hydrocodone | 000125-29-1 | 99 |
| | | Hydrocodone | 000125-29-1 | 99 |
| | | Hydrocodone | 000125-29-1 | 99 |



Area Percent / Library Search Report

Information from Data File:

File Name : C:\msdchem\1\data\SYSTEM6\03_21_12\822635.D
Operator : LAG
Date Acquired : 21 Mar 2012 23:59
Sample Name : BLANK
Submitted by :
Vial Number : 1
AcquisitionMeth: DRUGS.M
Integrator : RTE



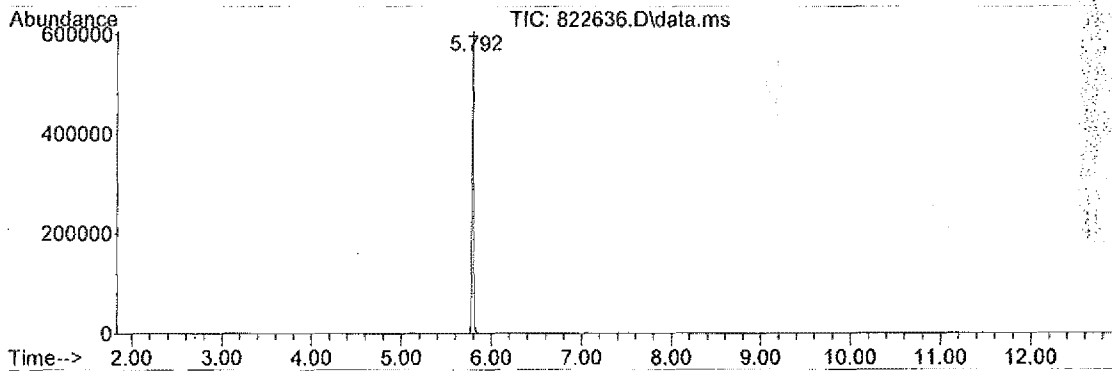
| Ret. Time | Area | Area % | Ratio % |
|-----------|------|--------|---------|
|-----------|------|--------|---------|

NO INTEGRATED PEAKS

Area Percent / Library Search Report

Information from Data File:

File Name : C:\msdchem\1\data\SYSTEM6\03_21_12\822636.D
 Operator : LAG
 Date Acquired : 22 Mar 2012 00:15
 Sample Name : HYDROCODONE STD
 Submitted by :
 Vial Number : 30
 AcquisitionMeth: DRUGS.M
 Integrator : RTE



| Ret. Time | Area | Area % | Ratio % |
|-----------|--------|--------|---------|
| 5.792 | 702945 | 100.00 | 100.00 |

Area Percent / Library Search Report

Information from Data File:

File Name : C:\msdchem\1\data\SYSTEM6\03_21_12\822636.D
 Operator : LAG
 Date Acquired : 22 Mar 2012 00:15
 Sample Name : HYDROCODONE STD
 Submitted by :
 Vial Number : 30
 AcquisitionMeth: DRUGS.M
 Integrator : RTE

Search Libraries: C:\Database\SLI.L Minimum Quality: 80
 C:\Database\NIST08.L Minimum Quality: 80
 C:\Database\PMW_TOX2.L

| PK# | RT | Library/ID | CAS# | Qual |
|-----|------|----------------------|-------------|------|
| 1 | 5.79 | C:\Database\NIST08.L | | |
| | | Hydrocodone | 000125-29-1 | 99 |
| | | Hydrocodone | 000125-29-1 | 99 |
| | | Hydrocodone | 000125-29-1 | 99 |

